

HOUSE & GARDEN



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REFEEDING
XXXXXX

DISCARDED

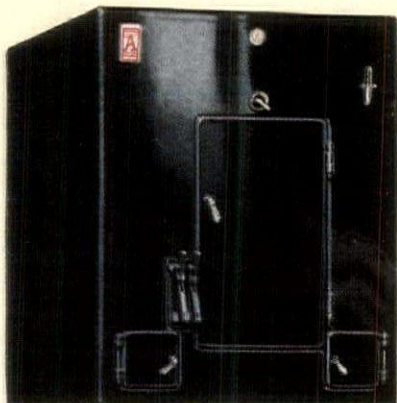
Autumn Decorating Number



“WELCOME”

~says a warm and cheery hall

Write on a post-card your name and address and the number of rooms in your house. Let us send you a new book about the IDEAL TYPE A Boiler, illustrated in full color. It explains the patented mechanical improvements which enable this "Heat Machine" to pay back its cost in the fuel it saves.



THERE IS an Invisible Host in every perfectly appointed home. From its warm depths the hot water or steam finds its way to an American Radiator in every room; and so efficiently is its service rendered that you are unconscious of the service.

This Invisible Host is the IDEAL TYPE A Boiler, whose function is to make ideal homes *feel* as hospitable as they look.

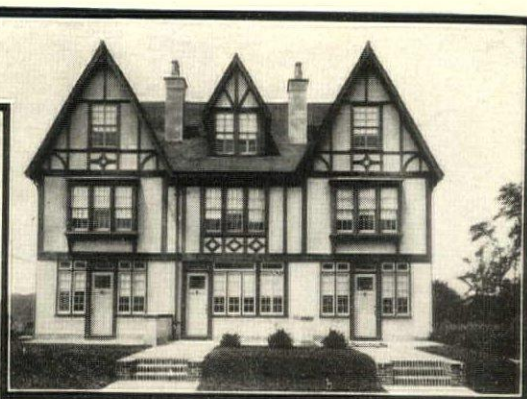
IDEAL BOILERS
COAL • OIL • GAS
and AMERICAN RADIATORS
save fuel

Dept. 176
1803 Elmwood Ave.
Buffalo, N. Y.

Your Heating Contractor is our Distributor
AMERICAN RADIATOR COMPANY

Branches
in all principal
cities

Res. Chas. W. Kouns, McVicker St., Topeka, Kan.
Architect: Chandler & Emshwiler
Bishopric Stucco over Bishopric Base on all exterior.



Apt. Bldg.—George W. Ballou, Owner
West 72nd St., New York City
Architect: F. L. Shea
Bishopric Base and Stucco on all exterior.

Bishopric Base is to the Stucco, What the Foundation is to the Structure

Bishopric Base an Enduring Foundation

Everything that endures must have a permanent foundation. Fifty feet underground is the foundation of Bunker Hill monument. Unseen and unappreciated by the casual passer by year after year it supports, intact, the enormous mass of masonry rising above it.

Such is the performance of Bishopric Base in providing a foundation for enduring stucco. Its dovetailed construction locks the stucco in an inverted wedge grip. Proof against moisture, heat and cold, Bishopric Base under stucco weathers the elements for generations unaffected by time and exposure.

Saves Labor and Materials

BISHOPRIC BASE under stucco, saves the homebuilder 30%—it does not take highly skilled labor to put on Bishopric Base, which comes in rolls, is quickly cut to size and can be nailed on by practically anyone. There is no waste, every foot being utilized.

Besides this Bishopric Base saves 25% or more on stucco or plaster materials—First, the dovetail key construction requires less stucco or plaster: Second, the heavy fibre board backing prevents stucco or plaster from going through and dropping down the spacing between the inner and outer walls.

A Permanent Construction

BISHOPRIC BASE locks stucco or plaster in AN INVERTED WEDGE CLASP with a grip that holds for generations—is a non-conductor of heat and cold, insuring a more uniform temperature and greater living comfort—dampness cannot penetrate the ASPHALT MASTIC behind the treated wood strips.

These and many other reasons why Bishopric will serve you best are contained in an attractive, illustrated booklet, "Bishopric For All Time and Clime." Send for it today.

No obligation

Bishopric Is Sold by Dealers Everywhere.

The BISHOPRIC MANUFACTURING CO.

696 ESTE AVE. CINCINNATI, OHIO.

NEW YORK CITY

CINCINNATI

OTTAWA, CANADA

The BISHOPRIC MFG. CO. OF CALIFORNIA

LOS ANGELES



BISHOPRIC

"A Complete Wall Unit for all Time and Clime"

ANACONDA BRASS PIPE

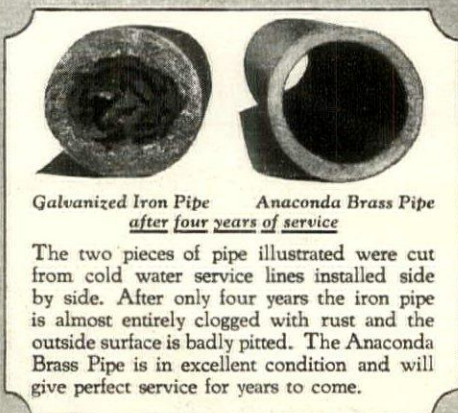


Ugh! *rusty water again!*

A RUSH of rust-stained water into your bath tub; the inevitable delay to let the water run, in the hope that it will clear. Could anything be more disagreeable?

Anaconda Brass Pipe cannot rust or clog with rust deposits. It delivers a full flow of clear water day and night as long as your house stands.

Yet it costs only a little more than iron or steel pipe—about \$75 for a \$15,000 house—and you are assured of perfect water service always.



Galvanized Iron Pipe Anaconda Brass Pipe
after four years of service

The two pieces of pipe illustrated were cut from cold water service lines installed side by side. After only four years the iron pipe is almost entirely clogged with rust and the outside surface is badly pitted. The Anaconda Brass Pipe is in excellent condition and will give perfect service for years to come.

Let us send you free a copy of our booklet, "Ten Years Hence," which answers your questions on plumbing economy.

THE AMERICAN BRASS COMPANY

GENERAL OFFICES: WATERBURY, CONNECTICUT

New York, Chicago, Boston
Philadelphia, Providence, Pittsburgh
Cleveland, Detroit, Cincinnati
St. Louis, New Orleans, San Francisco



Mills and Factories:
Ansonia, Conn., Torrington, Conn.
Waterbury, Conn., Buffalo, N. Y.
Hastings-on-Hudson, N.Y., Kenosha, Wis.

In Canada: ANACONDA AMERICAN BRASS LIMITED, NEW TORONTO, ONTARIO

REO
Gold Standard of Values

THE Reo-manufactured high-powered 6-cylinder engine, with its smooth and silent delivery of virile power through a chain of Reo-manufactured units, represents motor car mastery over highway and trail. It is the industry's most conspicuous contribution to six-cylinder sureness, suppleness and simplicity.

A special booklet—"The Famous Reo Engine" describes why the intake valves are in the head and exhaust valves at the side,—why the cylinders are ground,—why the crankshaft is balanced statically and dynamically,—why metal and fabric timing gears alternate,—why aluminum alloy pistons and 2-piece rings are used,—and why all overhead mechanism is enclosed.

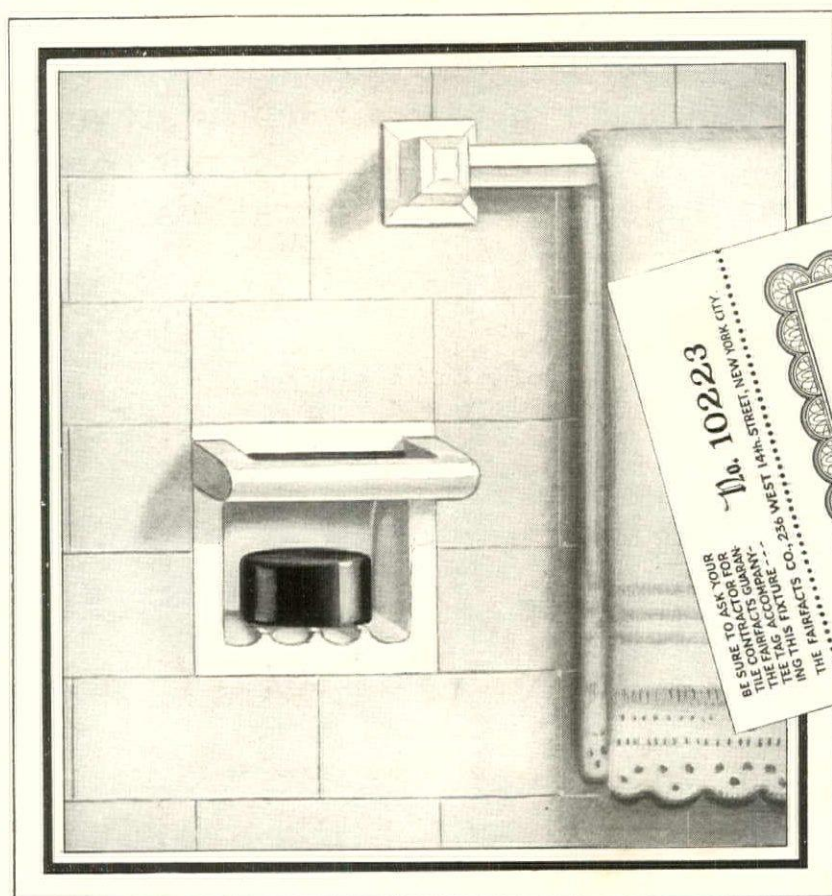
Write for a copy

REO MOTOR CAR COMPANY, LANSING, MICH.

The price of the T-6 Special Touring Reo,—\$1595 (at Lansing, plus tax),—includes genuine balloon tires, special steel disc wheels, Motometer, electric clock, cigar lighter, step plates and other fitments making for completeness.



Now—Absolutely guaranteed for the life of your home!



You want your bathroom fixtures to retain their original beauty as long as your house lasts. The Fairfacts certificate positively guarantees this

PRACTICALLY every new home has bathroom fixtures installed in the walls. But be sure that they are genuine Fairfacts Fixtures—the kind that are guaranteed without reservation to last as long as your house.

Our special process of manufacture enables Fairfacts Fixtures to withstand changes of temperature or other causes that make some fixtures deteriorate even after a month or two. It is discouraging to see fixtures gradually deteriorate that you hoped would be a lasting pleasure.

Fairfacts Fixtures are as enduring as fine china, and the touch of a damp cloth instantly restores their beauty and lustre.



This label also appears on every Fairfacts Fixture

Fairfacts Fixtures are snow-white. They not only match the other bathroom equipment but harmonize perfectly with any color or tint of tile walls.

It is a costly operation to replace fixtures after they are once cemented in the walls. That is why it is important to make sure that they are genuine Fairfacts Fixtures.

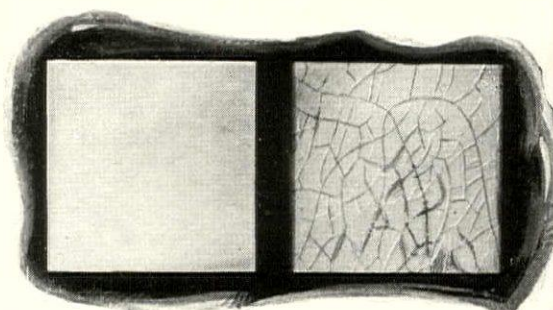
Look for the Guarantee Certificate attached to each fixture.

Send for our booklet, "The Perfect Bathroom" and further information why the special Fairfacts process of manufacture and Guarantee Certificate is important.

THE FAIRFACTS COMPANY, INC., Manufacturers
Dept. D-4, 234-236 West 14th Street, New York City

After a few months

BELOW are reproductions of photographs showing the surface appearance of two bathroom fixtures a few months after installing. The one on the left, a Fairfacts Fixture has preserved its original snow-white surface, and is as perfect as the day it was made. The special Fairfacts process results in a glazed surface which is permanent. The surface of the other, an ordinary fixture, has developed hundreds of hair line cracks permitting dust, soap and germs to penetrate beneath the surface, not only making the fixture unsanitary, but ruining its appearance beyond any possibility of cleaning or restoring.



Surface of Fairfacts Fixture after a few months' use.

Surface of ordinary fixture after a few months' use.



Design No. 219—A charming home in which the walls of rough sawn Indiana Limestone laid up in courses of even height are unusually effective, showing a delightful play of warm color-tones ranging from gray to buff. Folder of floor plans sent free upon request. Entire Portfolio of designs sent upon receipt of 50c. Address, Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana.

"The strength of a nation is in the homes of the people"—Mrs. Sigourney

A Home Well Built

Builders of the better class of residences today show an increasing desire to use both on the interior and exterior of their homes, only *the best* materials available. "The best" in this case does not mean the costliest nor the most showy, but products in which the price is proportionate with quality.

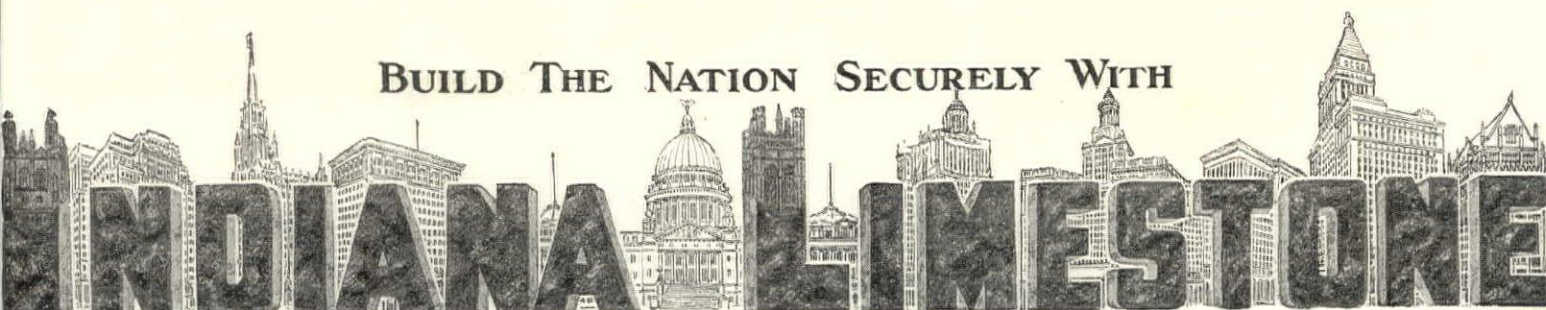


The Pyramids remain today as permanent evidence that limestone is the world's most enduring building material.

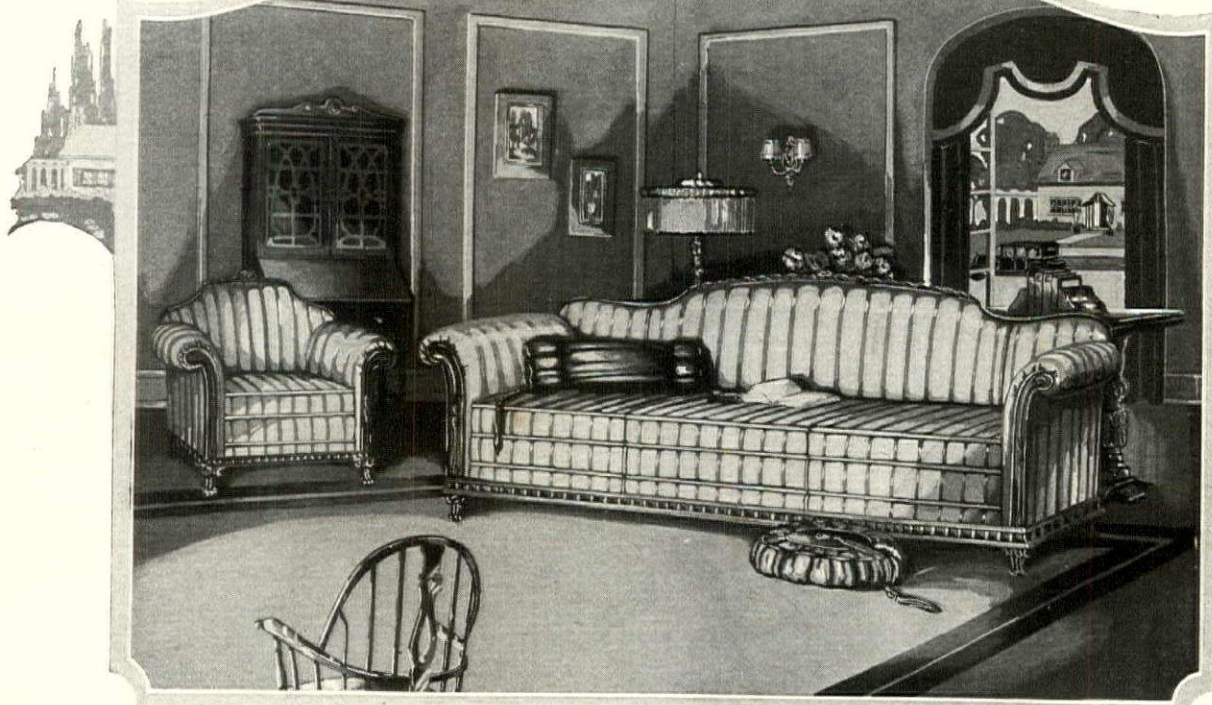
Indiana Limestone provides exterior walls that have the sturdy qualities of the hills from which the stone is quarried. The passing of the years cannot dull its beautiful coloring nor impair its absolute soundness.

And for interiors, Indiana Limestone is being used extensively for fire-places and mantels where it produces an air of richness and distinction. It may be beautifully carved, or is equally effective when no ornamentation is desired.

BUILD THE NATION SECURELY WITH



The NATION'S BUILDING STONE



Suite No. 2807

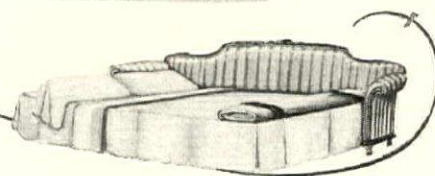
YOUR IDEAL OF A LIVING ROOM

A living room as comfortable as it is attractive—your dream come true! You can hear the admiring comment of your guests as they share its rich beauty and experience the comfort of its center of attraction, the deep-seated, luxurious Pullman davenport-bed.

The Pullman-equipped living room is the fulfillment of a desire for beauty, plus a maximum of solid comfort. Master craftsmanship is embodied in each of the many modern designs. Comfort is a "built-in" feature of every model.

When the last lamp is turned out, and shadows fall on the darkened walls, the Pullman fulfills its duty as a two-purpose davenport. A simple operation has converted the beautiful living-room piece into a full-size, restful bed, made possible by its regular bedspring and mattress.

"APPROPRIATE FURNISHINGS" will tell you how to modernize your living room—write for your copy



Your local furniture dealer will show you a Pullman davenport-bed with chairs to match, that offers an impelling invitation to prove that it is actually as comfortable as it looks.

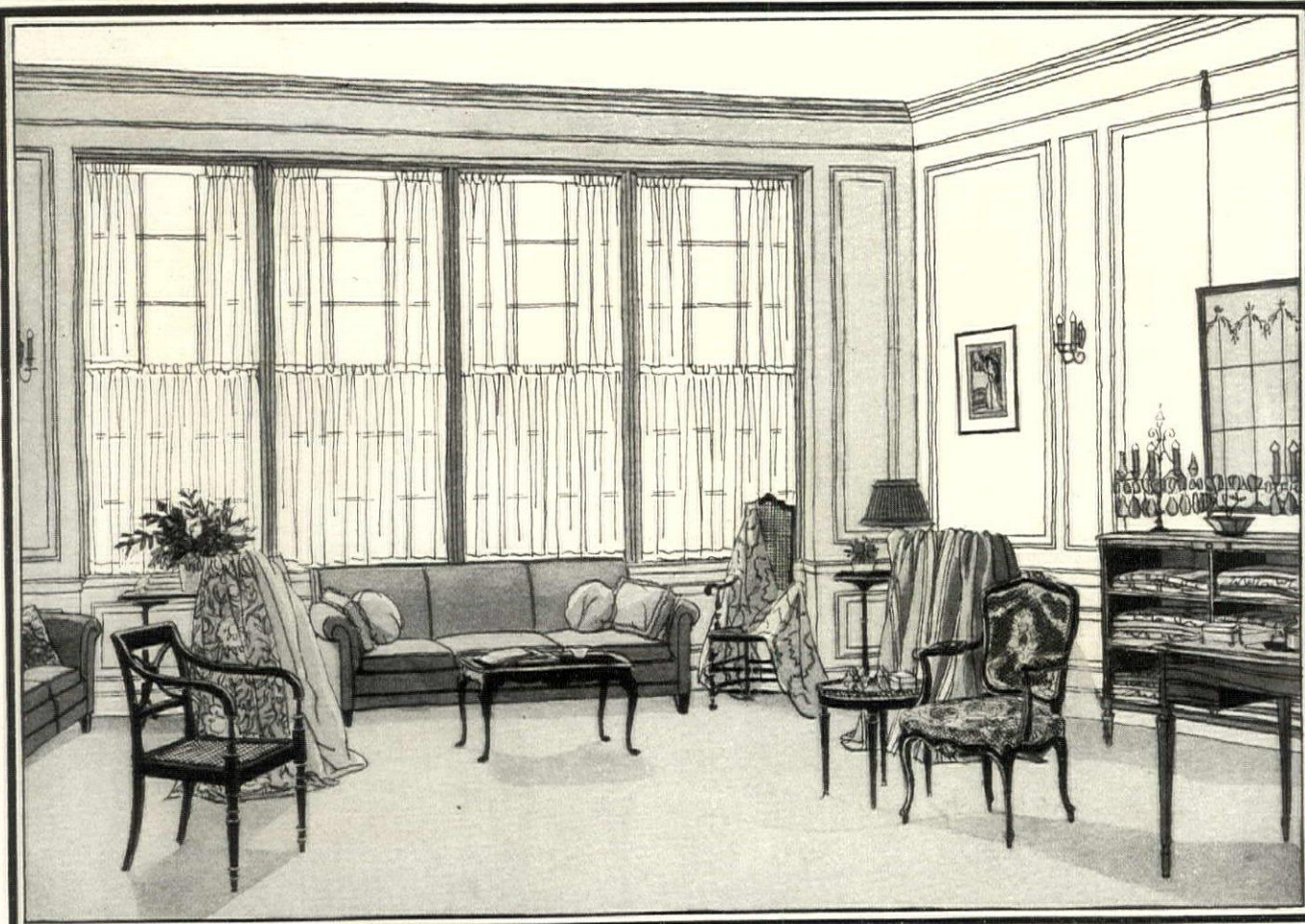
PULLMAN COUCH CO.

CHICAGO, ILLINOIS

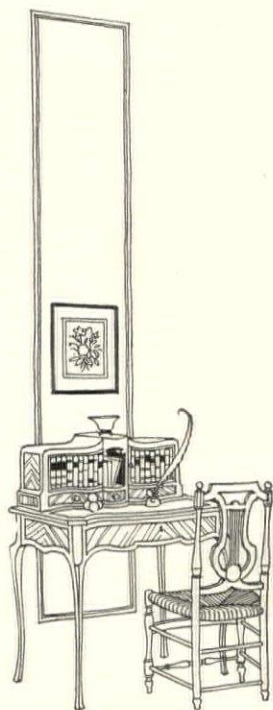


PULLMAN

DAVENPORT BED



The 6th Floor Division of our
DEPARTMENT OF INTERIOR DECORATIONS
invites you to visit their new home



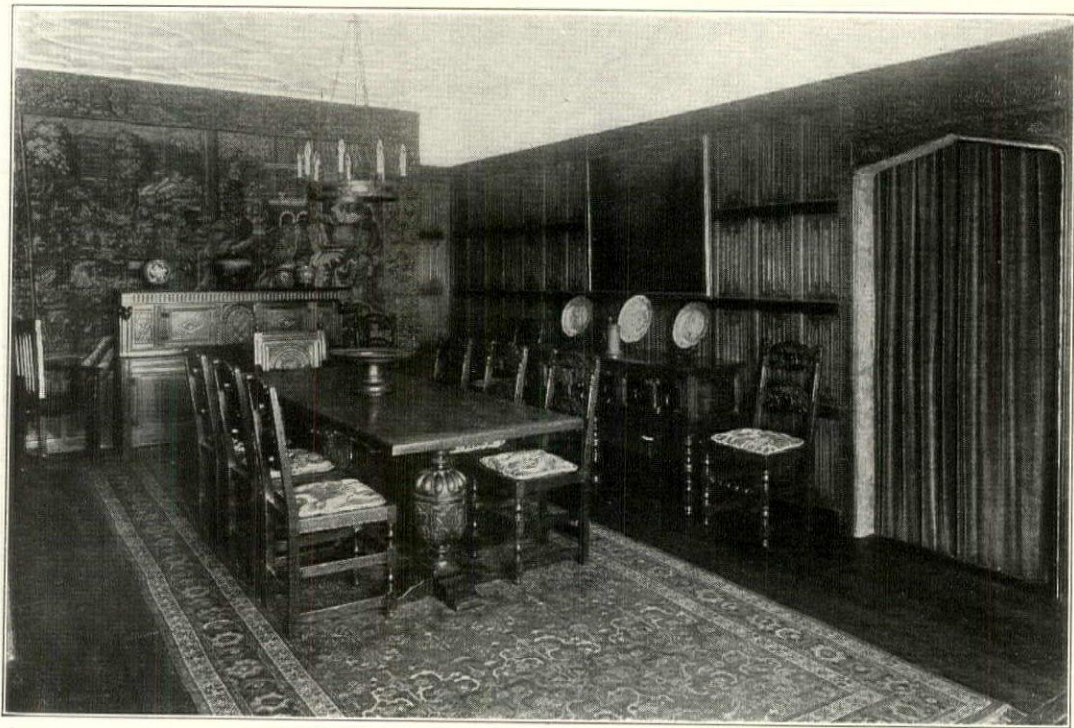
In this quiet and charming room, located in our Upholstery Department, we have established an experienced corps of interior decorators whose assistance and advice are available to our patrons. The 7th Floor division continues to render efficient service in its attractive home in the Furniture Department. In connection with this service, we have furnished a series of model rooms which afford valuable suggestions and ideas in furnishing a home.

You are cordially invited to visit our decorators on the 6th and 7th Floors and to inspect the very beautiful and interesting collection of new fabrics which has been assembled for fall and winter decorating. Here in these charming rooms you may discuss your problems with our competent staff, and receive valuable suggestions and advice on any subject pertaining to the tasteful furnishing of your home. The services of our Department of Interior Decoration are available to all without charge. Complete schemes for houses, apartments, single rooms, clubs and show rooms, submitted upon request.

R. H. Macy & Co.
 34th ST. & BROADWAY Inc. NEW YORK CITY

KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK
FEBRUARY 1, 1924



An Interior in the Showrooms, Early English Oak Furniture, by Kensington

EARLY English oak furniture seems fairly to radiate a sense of warm hospitality and simple living that makes it especially appropriate for the country home.

Just such furniture as this must have welcomed Mr. Pickwick at Manor Farm in Dingley Dell, and how well it expressed the character of his host, bluff, sturdy, wholesome,

jovial, hospitable old Mr. Wardle, whom Dickens pictured with such vividness and charm!

Because of fidelity in design and the old-time hand processes of the Kensington craftsmen, Kensington Furniture of the period retains the individuality and the character that give to the old work its enduring fascination.

Kensington Furniture is made in all the decorative styles appropriate for American homes

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer


KENSINGTON MFG. COMPANY
 MANUFACTURERS AND IMPORTERS
 DECORATIVE FURNITURE ~ ART OBJECTS
 NEW YORK

Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased."

NEW SHOWROOMS, 41 WEST 45TH STREET, SIXTH FLOOR.



W. & J. SLOANE *Specialists in paneled rooms •
antique and modern furniture • floor coverings and fabrics*

TH STREET AND FIFTH AVENUE, NEW YORK • SAN FRANCISCO • WASHINGTON



SOLID SILVER
Precious through the Ages

*Solid Silver symbol of enduring beauty and real worth,
shared in the glory of Imperial Rome.*

TODAY Towle Solid Silver (Sterling) combining prestige, grace and practicability, is the ultimate in Solid Silver craftsmanship and value.

Yet Towle Solid Silver is not expensive. For the Fall hostess, a set for six may be had for as little as \$75. Gift pieces from \$2.50 up.

You can always add to and match up your chosen Towle pattern on anniversaries and other gift occasions.

Your jeweler will show you the patterns here illustrated or any of the following designs :

LOUIS XIV
LAFAYETTE

MARY CHILTON
PAUL REVERE

Send for booklet G — "Your Table Silver and How to Select It," showing many Towle patterns and giving suggestions for sets.



*This mark
and
"Sterling"
your
guarantee
of
Solid Silver
imprinted
on every
piece*



*The Baby's
Porringer
Towle's reproduction
of Paul
Revere's Porringer.
Baby's first and
most treasured
gift since
Colonial
Days*

TOWLE

SOLID SILVER

NEWBURYPORT MASSACHUSETTS

D'Orleans

Lady Constance

Virginia Carvel

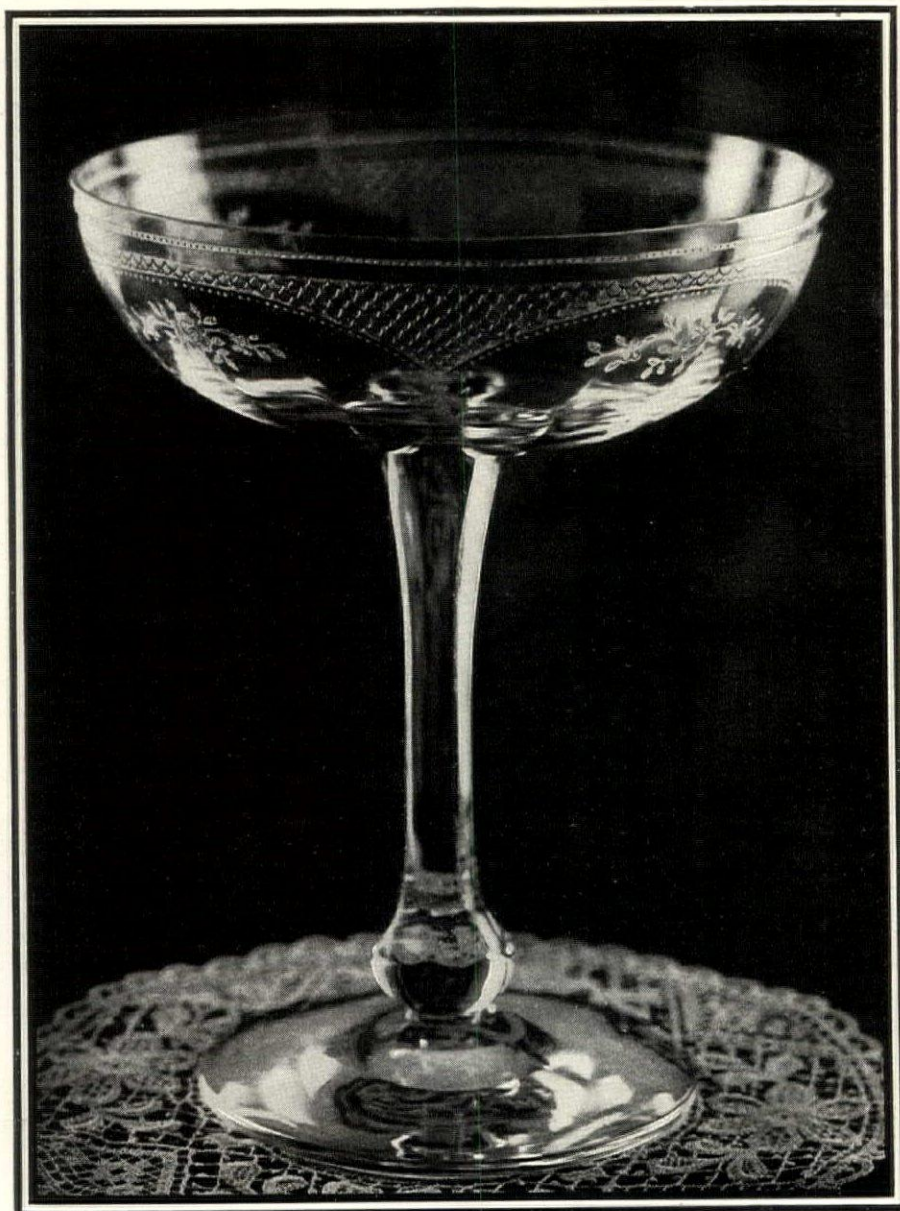
Lady Mary



CANDY jars and candlesticks; salad plates and sherbet glasses; French dressing bottles and finger bowls; footed tumblers; slender stemware of every sort—many, many things with the fascination and shining glory of fine glassware. . . . Each splendid, single piece of Fostoria is a real and lasting expression of beauty. Glass has mystery and remote magic—a fragile power to mirror many lights and multiply colors. . . . Your preference may be for the scintillating loveliness of iridescent crystal; for the richness of gold-encrusted ware; for the simplicity of the deep-etched, hand-blown glass. Fine glassware is always good form and much favored, especially in colors, by the present fashions in table setting. Collect a set of Fostoria, adding from time to time new pieces in the pattern you choose. Each piece is a lovely gift in itself. The Fostoria Glass Company, Moundsville, W. Va.

Fostoria

FINE CRYSTAL AND DECORATED GLASSWARE



Compote in the Virginia design, a pattern appealing in its quiet aristocracy of design. Every piece of Fostoria glassware leaves our factory bearing this brown and white label.



On the inside of closet doors is the ideal place for boudoir mirrors. When the doors open to reveal the closet's precious contents, the mirrors are in place, ready for use.



Photo by M. H. Northend

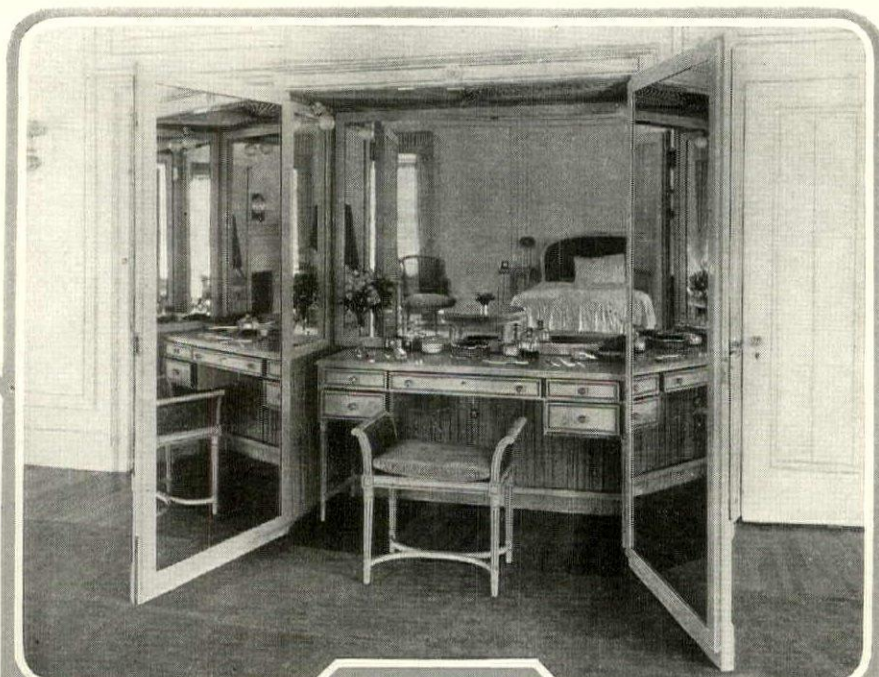


Photo by M. E. Hewitt

Use
PLATE
Glass

Nothing Else
is Like it

ABOVE—An ingenious arrangement of mirrors and dressing table. Closing the doors of this cabinet shuts it off from the bedroom, practically making two rooms from one, a bedroom and a dressing room. Plate Glass protects the dresser top and brings it into harmony with this mirror-lined alcove.



Photo by M. E. Hewitt

PLAN THE BOUDOIR with MIRRORS BUILT IN

TOO often mirrors are thought of only as part of the furnishings of the home, to be hung on the wall wherever there happens to be a space. The foresighted architect or builder plans the mirrors as a part of the house.

Built-in mirrors in closet and bathroom doors, over mantel pieces and in bedrooms are never regretted. Their convenience and usefulness is always a tribute to the thoughtfulness of the planner.

While built-in mirrors for doors are far more satisfactory, detachable mirrors can be installed after the house is completed. These are held in place on the door by means of special moulding which comes with the mirror.

A built-in mirror, properly installed, will last the life of a house. As dampness affects the silvering, mirrors should not be put in place until after the plaster in the house has thoroughly dried.



Photo by M. H. Northend

Although the main purpose of a boudoir mirror is utilitarian, it may be an attractive article of furniture as well. An antique frame of gilt or carved walnut makes a charming setting for a modern Plate Glass mirror.

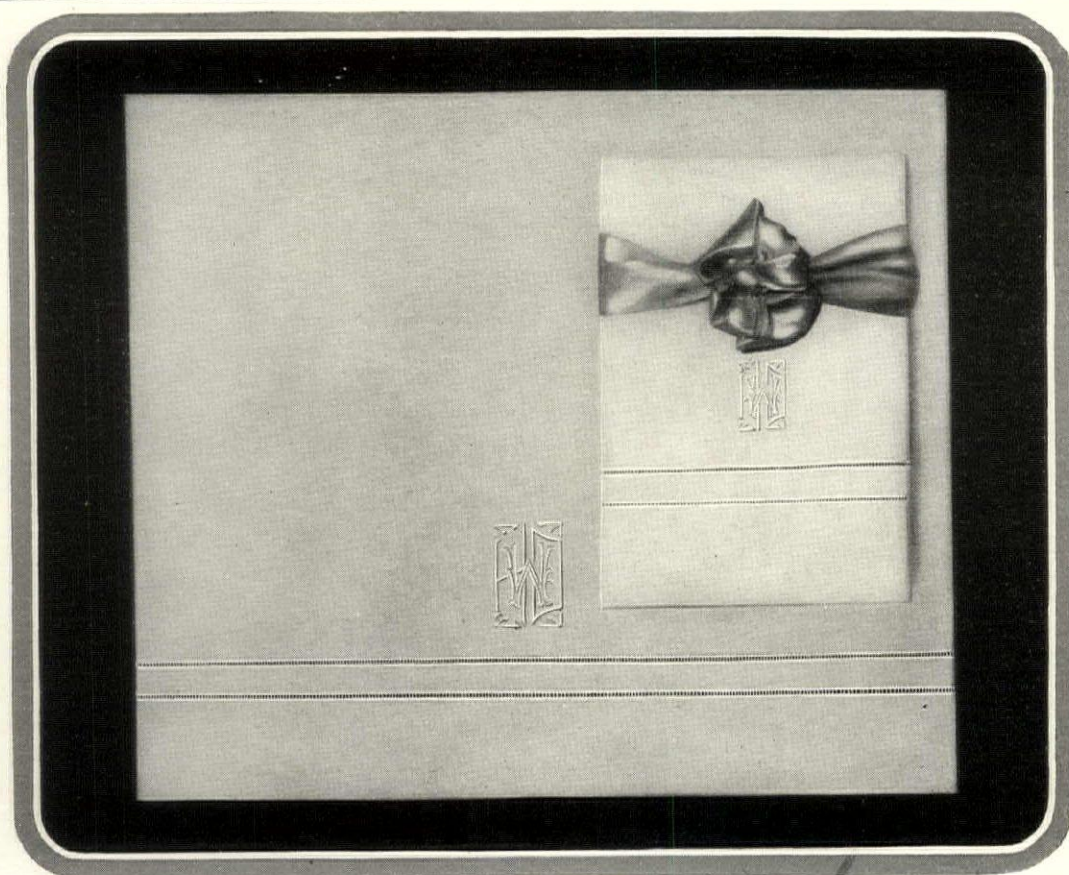
Interior decorators achieve striking effects by the use of a mirror separate from the dressing table. Such an arrangement is more flexible and can be modified to the plan of the room.

Mirrors of good quality are always made of Plate Glass. There are no better mirrors made than those made right here in our American factories. For reliability, trueness and durability, they are unsurpassed. A mirror of fine Plate Glass will always be a pleasure to a satisfaction and will outlast the life of the original purchaser. A fine Plate Glass mirror is always a valuable heirloom.

PLATE GLASS MANUFACTURING
of AMERICA

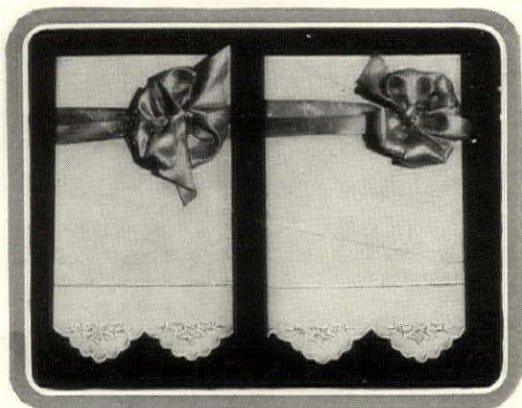
* * *

Whether the mirror is a part of the dressing table or bought separately it should be of Plate Glass. Examination before purchase will reveal whether it is made of Plate Glass or a substitute.

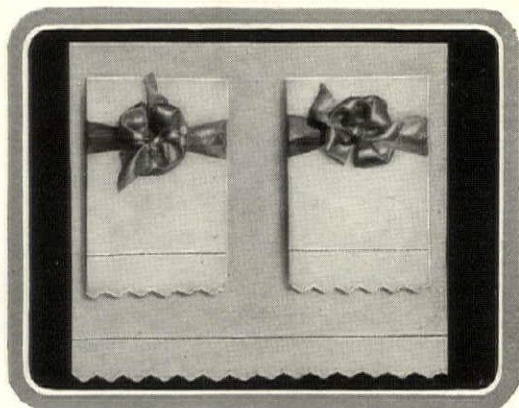


For monogramming, initialing, and hand embroidering, the fine closely woven texture of Wamsutta Percale provides the richest of long-lasting backgrounds.

The inexpensive luxury of Wamsutta Percale



Scalloped, embroidered and hemstitched, Wamsutta Percale pillow-cases are an especially handsome adornment to your guest room beds.



If you wish to try Wamsutta Percale we suggest a set of sheets and pillow-cases like these. Then note their richness after a few launderings.

POSSIBLY you may have thought that exquisite sheets and pillow-cases on all your beds was an extravagance you could not afford. Consider, then, Wamsutta Percale — soft and fine to touch, beautiful to see, strong and lasting.

Here, truly, is an economical luxury. For when ordinary sheets wear thin, Wamsutta Percale, in all its snow-white loveliness, is ready for years of service.

Wamsutta Percale can be compared to no fabric other than the finest linen. Yet it costs very much less and only a little more than cotton. At your best stores — plain, hemstitched or scalloped — in all sizes.

WAMSUTTA MILLS, NEW BEDFORD, MASS.

Founded 1846

RIDLEY WATTS & CO., Selling Agents

44 Leonard Street, New York.

WAMSUTTA PERCALE

*Sheets and Pillow Cases
The Finest of Cottons*





When CHALIAPIN *sings*, the piano is always a Baldwin. The greatest operatic genius of this generation finds in Baldwin tone the perfect background for his magnificent art. As on the concert stage, so in his homes—in New York and in Paris—Chaliapin uses the Baldwin. That loveliness and purity of tone which appeals to Chaliapin as well as to every exacting musician is found in all Baldwins; alike in the Concert Grand, in the smaller Grands, and in the Uprights. The history of the Baldwin is the history of an ideal.

"... Your piano is admirable and it is with my warmest greetings that I wish you the great success which your instrument deserves."

F. Chaliapin

Baldwin

You will probably find a Baldwin dealer in your city. If not, a request by mail to the nearest Baldwin show-rooms, as listed below, will bring you complete information regarding models and prices.

THE BALDWIN PIANO COMPANY

CINCINNATI

CHICAGO

NEW YORK

INDIANAPOLIS

LOUISVILLE

ST. LOUIS

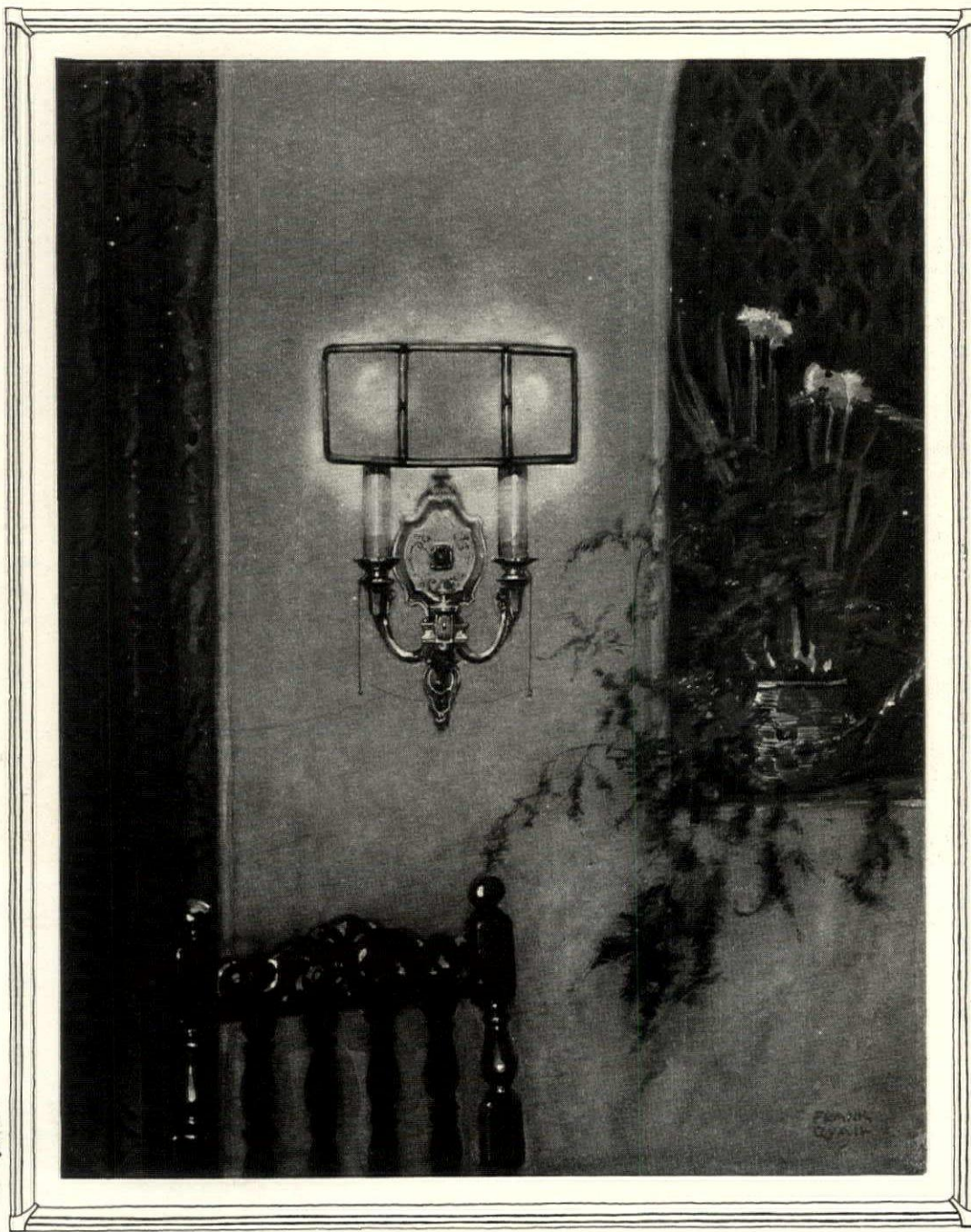
DENVER

SAN FRANCISCO

DA

Riddle

DECORATIVE LIGHTING FITMENTS



The red plush sofa has gone to join the base-rocker, the crayon enlargements of family photographs and the golden-oak parlor furniture as mementoes of a bygone age in the American home. Now the old-fashioned "chandelier" is also on the way. The lighting equipment is coming into its own as a truly decorative factor in home furnishing. And Riddle Fitments have received a correspondingly wide acceptance as the present standard of home lighting.

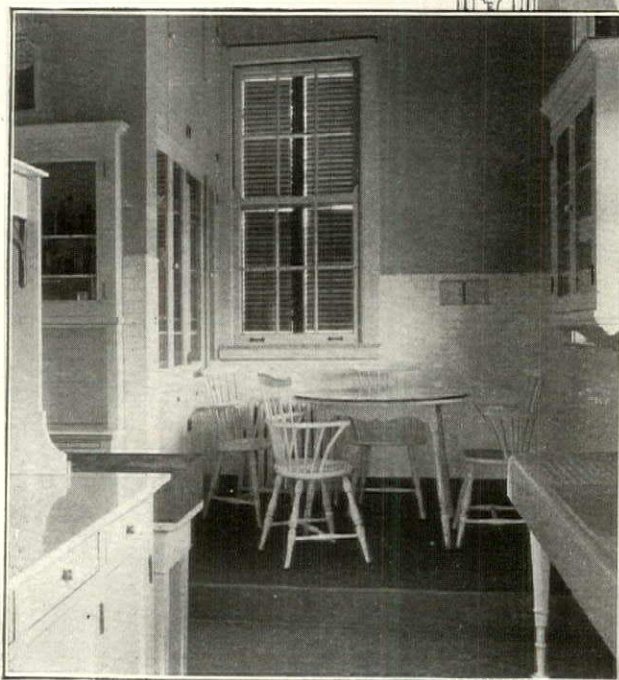
Riddle Fitments are sold only through Authorized Riddle Dealers, who are especially fitted to advise you helpfully in any matters pertaining to home lighting and to give you details of the Riddle Planning Service for suggesting appropriate lighting equipment for any residential purpose. Retail prices of Riddle Fitments range from \$4 to \$52.50. A folder illustrating, in color, the various styles in the Esperanto Decoration will be sent on request.

Genuine Riddle Fitments may be identified by the Riddle tag and the name Riddle stamped in every piece.

THE EDWARD N. RIDDLE COMPANY, TOLEDO, OHIO



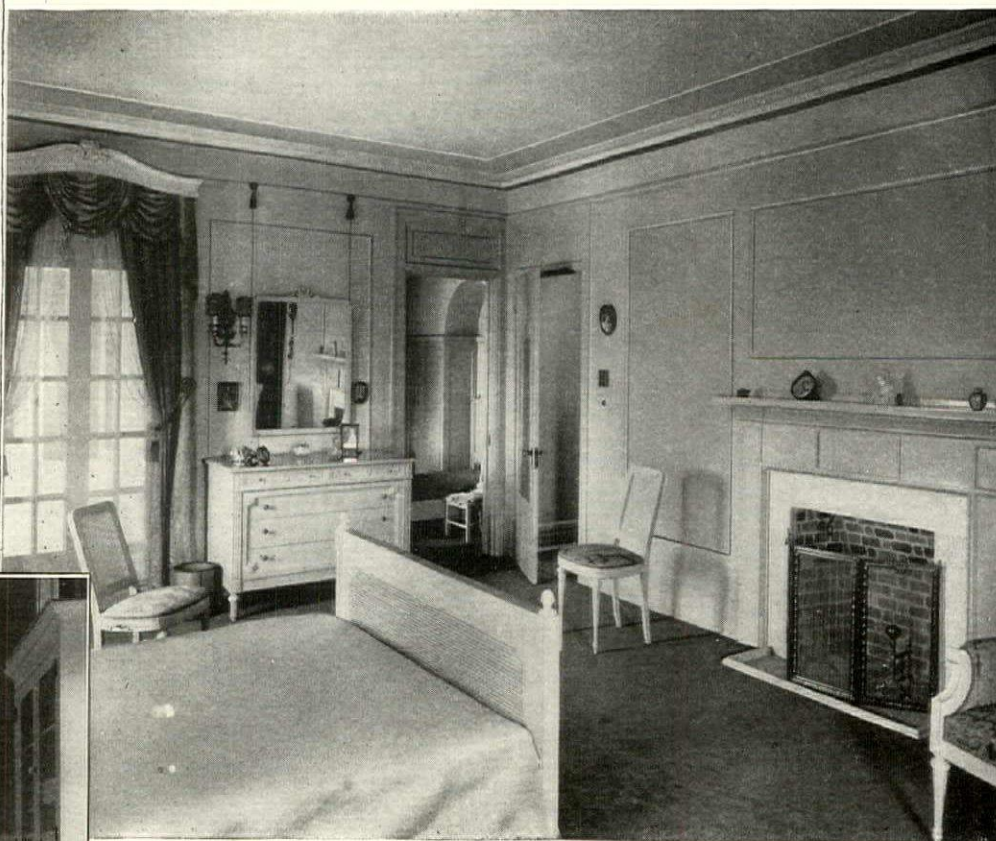
J. W. DOLLIVER
SAN FRANCISCO
ARCHITECT



California Pines are used more than any other wood for doors, sash, millwork and interior finish. Millions of doors and window sash and frames of California Pines are annually installed in the homes of America.

A 200-year supply of these woods now stands in the region where our mills operate. Natural growth of standing timber, augmented by natural reproduction and re-forestation, assures a supply of these valuable building woods for all time.

Send for this free booklet for additional information about California White Pine and California Sugar Pine.



I Specify California Pines for Doors, Sash & Trim

THE ARCHITECT KNOWS the relative value of all woods used for doors, sash and interior trim. That is why he specifies California White Pine and California Sugar Pine, which are ideal soft woods for these uses—combining lightness of weight with sufficient strength to withstand years of every day use. For enamel or painted interiors, which require a soft-texture wood that presents a smooth, satiny surface, California Pines excel all other woods.

The use of California Pines prevents sagging doors, jammed windows, warped panels, twisted moulding and open cracks in interior woodwork, because when properly treated these woods "stay put."

California Pines are unusually free from resinous substances and "raised" grain—the whitest of white enamel retains its lustre without discoloration, checking, chipping or peeling.

BUILDERS APPROVE the choice of California Pines, for they know of these valuable advantages. They save time and labor in handling and installing doors, sash and trim, because these woods are light of weight, cut easily and smoothly either with or across the grain, and readily take nails and screws. Installations of California Pines are more quickly completed—and installation costs are proportionately lower.

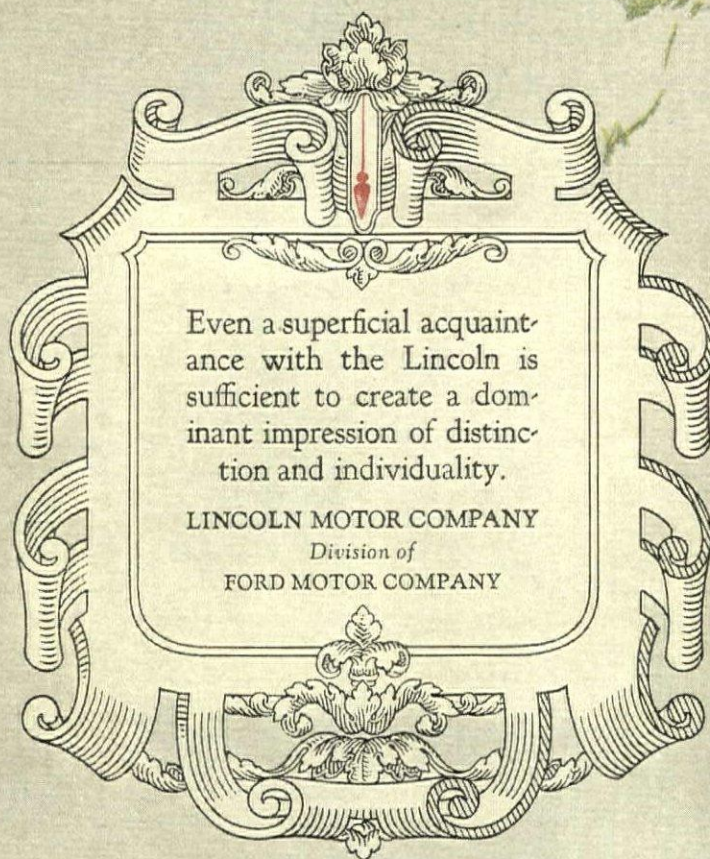
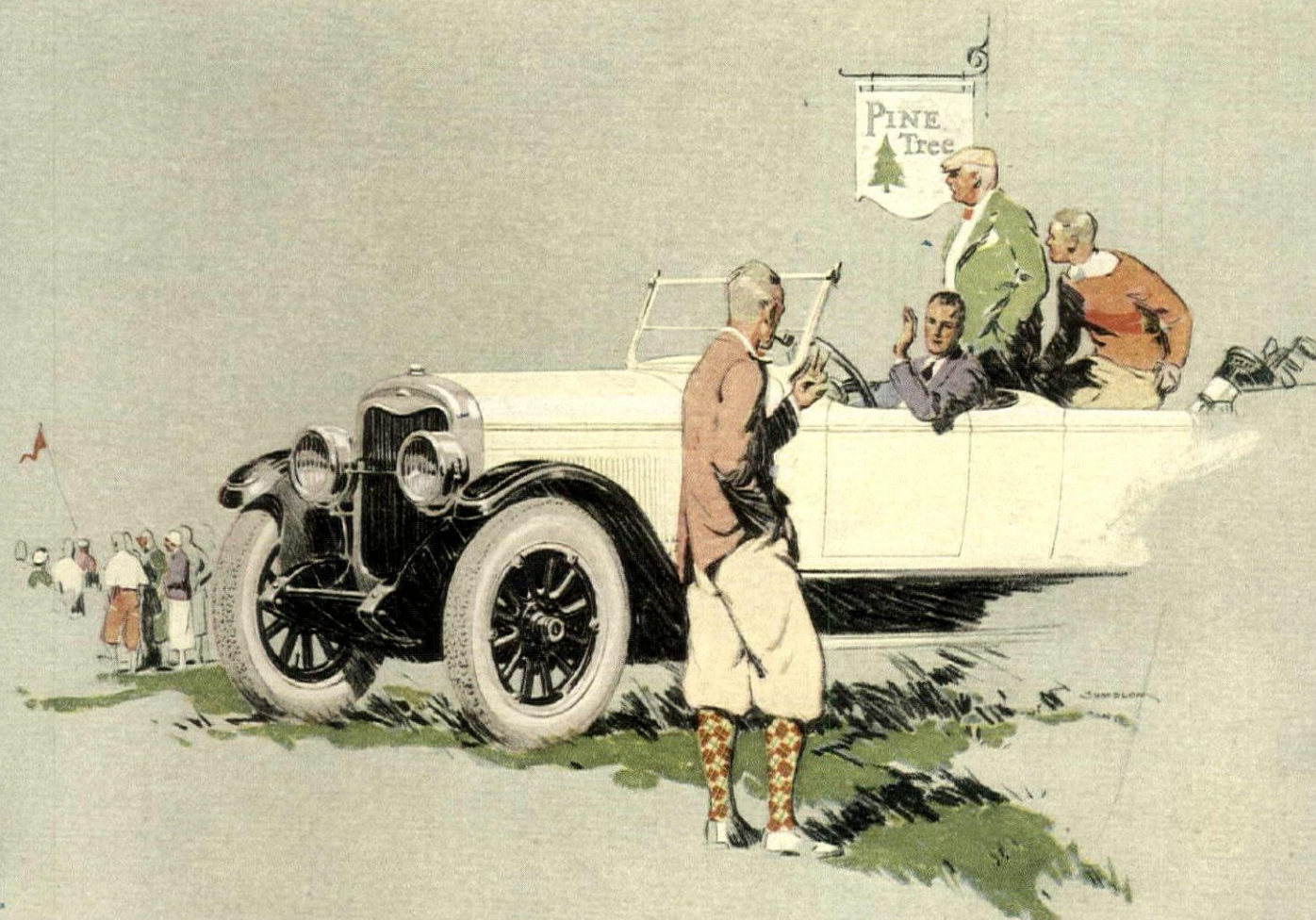
DECORATORS APPROVE the choice of California Pines—they appreciate the architect's requirements in a peculiar way, for the final strokes of the decorator's brush complete the architect's design. And the smooth surface and light color of these woods require less enamel, paint and labor to obtain the finest finish the designer may specify.

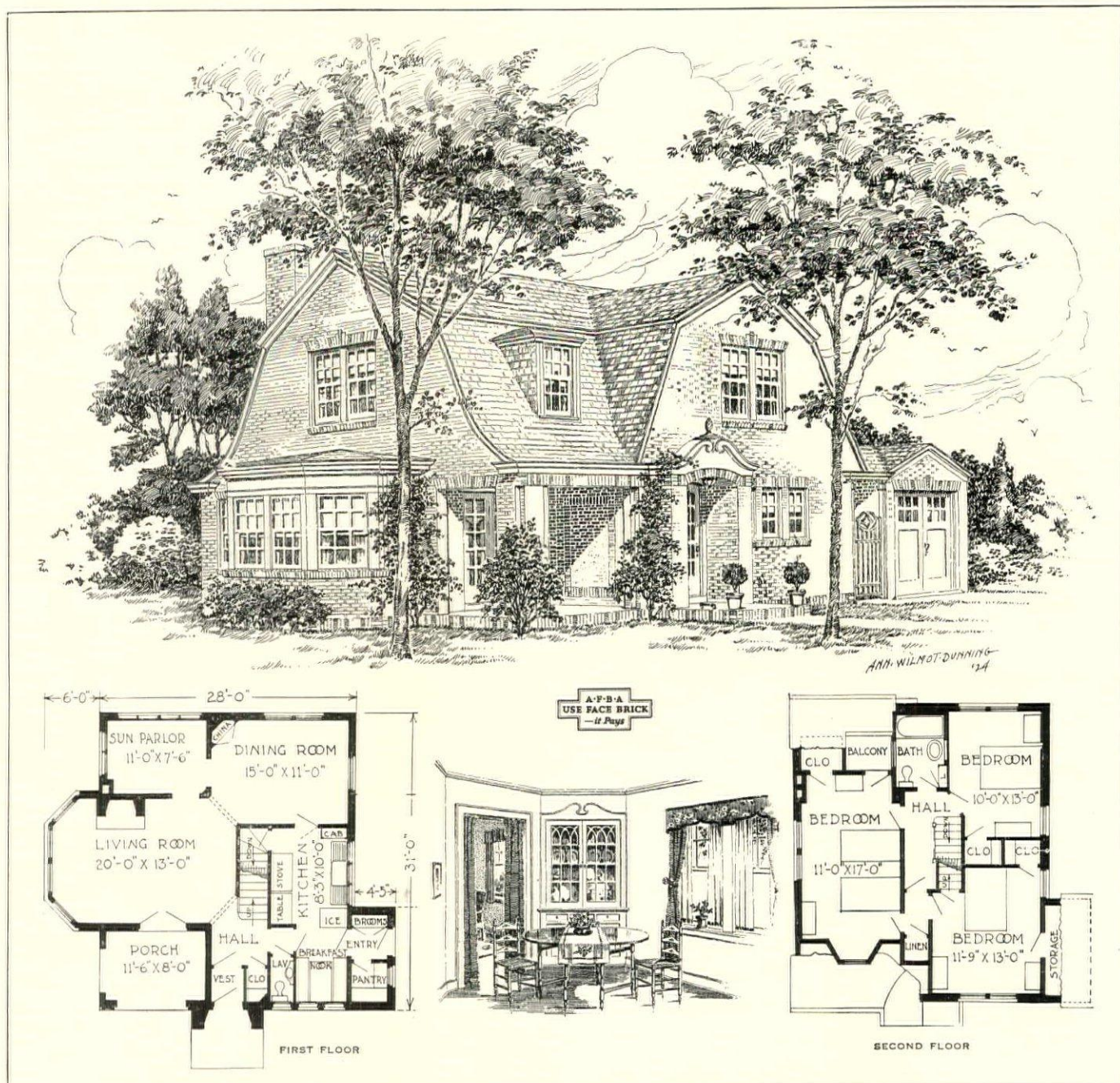
California Pine

ASSOCIATION
451 CALL BLDG. SAN FRANCISCO.

CALIFORNIA WHITE PINE • CALIFORNIA SUGAR PINE
CALIFORNIA WHITE FIR • DOUGLAS FIR • CALIFORNIA INCENSE CEDAR

L I N C O L N





SIX-ROOM HOUSE NO. 633

Designed for the Service Department, American Face Brick Association

This attractive Dutch Colonial House is one of the 104 beautiful houses in our "Face Brick Bungalow and Small House Plans." Many home-builders in all parts of the country have written us that this is the finest collection of house plans they have ever seen.

Face Brick for Economy

THE superior merits of Face Brick as to durability, fire-safety, and beauty over other building materials are so clearly recognized that many home-builders jump to the conclusion that the cost of a Face Brick house must be beyond their means.

Yet it is a fact—surprising as it may seem—that Face Brick is, in the long run, the most economical material and the best insurance for the future value of your home-building investment.

The basic facts about home-building are fully discussed in "The Story of Brick," an attractive booklet with beautiful illustrations of modern homes and packed with information of value to every prospective home-builder. Sent free on request.

"Face Brick Bungalow and Small House Plans" are issued in four booklets, showing 3 to 4-room houses, 5-room houses, 6-room houses and 7 to 8-room houses, in all 104, each reversible with a different exterior design. These designs are un-

usual and distinctive, combined with convenient interiors and economical construction. The entire set for one dollar. Any one of the booklets, 25 cents.

We have the complete working drawings, specifications, and masonry quantity estimates at nominal prices.

"The Home of Beauty" shows fifty two-story houses, selected from 350 designs submitted by architects in a nationwide competition. Sent for 50 cents. We also distribute complete working drawings, specifications, and quantity estimates for these houses at nominal prices.

"The Home Fires," a most attractive fireplace booklet, with many designs, gives full directions for fireplace construction. Sent for 25 cents.

Address, American Face Brick Association, 1721 Peoples Life Building, Chicago, Illinois.



BEAUTY, QUALITY... NOT COSTLINESS

In quality, Kohler Enameled Plumbing Ware satisfies the wealthiest. In cost it satisfies the owner of the simplest cottage.

That is a rare tribute to Kohler Ware. It is a fortunate thing for the family of average means. There are not many lines in which the best is within the reach of all.

A visit to your plumber will prove to you that a Kohler built-in bath—the beautiful tub pictured above—can be yours for a very reasonable investment, with magnificent returns in comfort, convenience, and pride.

Other Kohler fixtures for bath-

rooms, kitchens, and laundries offer the same advantages of moderate cost and the finest quality that can be made.

That quality has a mark which you should know—the name “Kohler,” unobtrusively fused into the durable, snowy enamel for which Kohler Ware has been famous for nearly half a century.

Look for that mark whenever you look at plumbing fixtures. Why not have the best when the same money will buy it?

We have an interesting booklet about Kohler Ware. May we send you a copy?

KOHLER OF KOHLER

Kohler Co., Founded 1873, Kohler, Wisconsin • Shipping Point, Sheboygan, Wisconsin
BRANCHES IN PRINCIPAL CITIES

MANUFACTURERS OF ENAMELED PLUMBING WARE AND KOHLER AUTOMATIC POWER AND LIGHT 110 VOLT D. C.



Note under the microscope how the long fibres of Richardson felt interlock to bind the Viskalt into an enduring weatherproof armor

Still greater beauty for your roof —with blended colors in slate, Richardson now achieves a new effect—OPAL

A roof of rare new coloring—opal—has been created by blending on one shingle two of the most beautiful Richardson colors in slate, weathered brown and jade green.

No two of these Richardson opal shingles are alike. And the roof which they form just as they come from the bundle, has a coloring like that of a sun-flecked lake revealed between the trees.

The Richardson Multicrome Roof

This, however, is but one example of the beauty secured in the Richardson Multicrome Roof. Equally attractive is the bronze mosaic coloring made by combining weathered brown and tile red slate flakes in the same manner. Many other color effects are possible—one to please every taste.

The Multicrome Roof is built of Richardson Super-Giant Shingles extra large, extra heavy—to give greater beauty, longer endurance. The high quality of its inner materials, too, assures lasting beauty for this roof. Its base is sturdy Richardson felt, for fifty

years recognized as the best. And the waterproofing is Viskalt—unusually durable because 99.8% pure bitumen, especially vacuum-processed.

The Richardson Multicrome Roof represents the maximum roof value at a moderate price. It is economical to lay and equally good for new or for over-the-old-roof jobs.

Prove the facts yourself

Go to your nearest dealer in lumber, hardware or building material and ask to see the color combinations in Richardson Multicrome Roofs. Also ask him to show you the reasons for their unusual endurance.

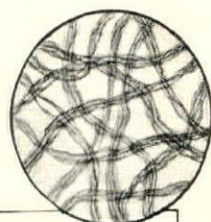
Meanwhile send for our beautiful booklet, *Roofs of Distinction*, showing the exclusive color combinations of Richardson slate surfacing. Or ask for our booklet, *Roofing on the Farm*. Mail the coupon now.

The RICHARDSON COMPANY

Lockland (Cincinnati) Ohio

Chicago New Orleans New York City (1008 Fisk Building) Atlanta Dallas

The 50% greater thickness of this roof adds beauty of texture and years of endurance. Closely overlapping slate flakes further protect the sturdy Viskalt-saturated base against weather and fire hazards



**Richardson
Multicrome
Roof**



**Ordinary
Roof**

*[cross sections
equally enlarged]*

Clip and mail this coupon

THE RICHARDSON COMPANY
Dept. 38-E, Lockland, Ohio
Gentlemen: I am considering roofing for

Please send me ☐ (types of buildings)
☐ Roofs of Distinction
☐ Roofing on the Farm
(Check booklet wanted)

Name.....

Address.....

RICHARDSON ROOFING

DEALERS: There is a Richardson product for every roofing need. Perhaps you can secure the Richardson franchise for your territory. Write us.



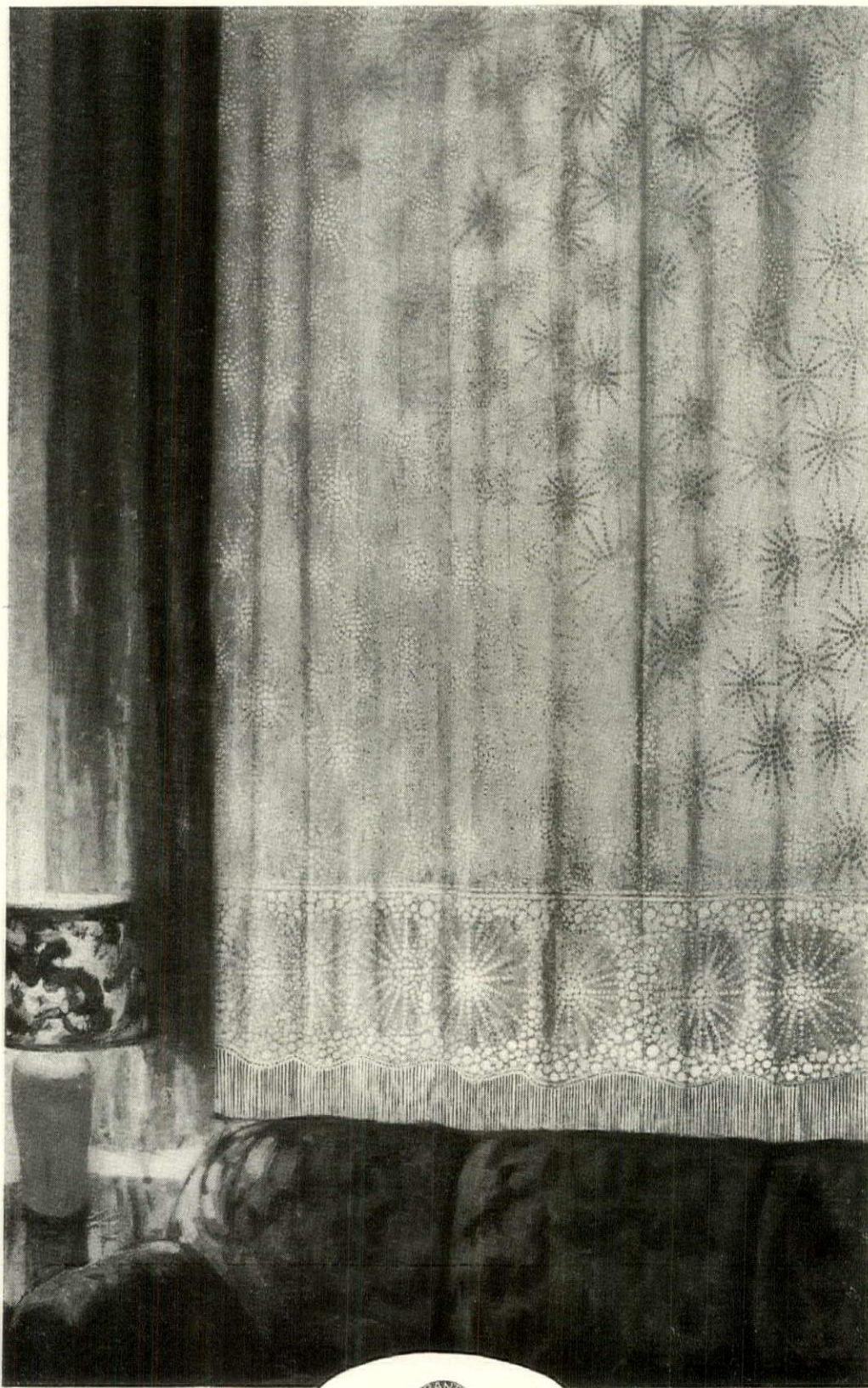
MARMON
a dependable car

It never occurs to a woman that she should be concerned about the mechanism of her Marmon, any more than it occurs to her to inspect the cab of a locomotive when she is traveling by rail. ¶ She never thinks in terms of means—she thinks only in terms of luxurious results. ¶ She knows only that her Marmon will take her where she wants to go, when she wants to go, in refreshing comfort, and that to be seen in it is a constant stimulation to her pride.



Smartest of all new curtains—

SCRANTON LUSTRE-LACE IN GOLD AND BLACK



IF YOU saw the original Scranton Lustre-Lace Curtain when it was presented not many months ago, you were probably impressed with its wonderful beauty and texture—a texture rich in effect as the finest silk.

Now comes another masterpiece. It is Lustre-Lace, in color—a remarkable combination of gold and black that offers most unusual possibilities for new decorative effects at the windows of your home. One of the most important designs in this gold and black creation—a sunburst pattern—is shown. Like all Scranton Lustre-Lace Curtains it is sunfast and tubfast and marked by flawlessness of weave.

Be sure to see these together with other Scranton Lustre fabrics which right now are attracting so much attention in the stores. There are colorful novelty curtains and harmonious spreads for your bedroom, and lace nets and shadow laces in wide variety of graceful designs. These, too, illustrate the skill of Scranton designers and weavers, who have been responsible for many of the notable drapery materials of the day. Look for new woven in heading of Scranton Curtains. It is a guarantee of excellence.

Fill out and mail the coupon for two interesting booklets, "New Outlooks for Every Home" and "Scranton Bedspreads," which illustrate the latest effects for almost every type of window and bed. Write to our Service Department about any unusual curtain problem you may have.



SCRANTON

LUSTRE-LACE LUSTRE-CASEMENT
LACE CURTAINS FILET NETS
BEDSPREADS

THE SCRANTON LACE COMPANY
Dept. 8-W, Scranton, Penna.

Please send me, without cost, the booklets, "New Outlooks for Every Home" and "Scranton Bedspreads."

Name

Address

City



HE attractiveness of any room—large or small—is dependent upon the proper use of color.

The variety of color combinations and patterns designed by Stedman enables the home owner not only to secure the greatest harmony possible, but also to create a decorative effect that is pleasingly different.

The designs in plain colors, veinings and mottled effects run through the entire depth of the reinforced rubber. Thus the beauty does not fade or wear off but rather improves with each year of use.

Stedman Flooring requires no waxing or oiling, ordinary washing being the only care necessary; it does not dent, crack or wear out even after countless years of service. In fact the cost of installation is the only cost.

Interior decorators and architects specify Stedman Flooring for the better class of homes, clubs, offices, churches, schools, banks and hospitals.

We will be pleased to send you prices and tell you how Stedman Floors can be obtained for one room or many.

J. H. Stedman
NATURIZED FLOORING
PATENTED

STEDMAN PRODUCTS COMPANY

"Originators of Reinforced Rubber Flooring"

SOUTH BRAINTREE, MASSACHUSETTS

Agencies in principal cities

See local telephone directory

Direct Branches

101 Park Avenue
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218 South Wabash Avenue
CHICAGO

4 Park Street
BOSTON

1117 Book Building
DETROIT

462 Hippodrome Avenue
CLEVELAND



Pencil drawing from actual installation of Stedman Flooring

Stedman

REINFORCED RUBBER FLOORING

A distinctive plaster in a distinctive bag..



There's lifelong wall satisfaction and economy in this Red Top Bag

In your new building, the comfort, fire protection, interior beauty and low upkeep will depend much on the material you select for the inner walls.

Good builders know that the best walls and ceilings are made of gypsum plaster, properly applied.

And now the United States Gypsum Company, out of its twenty years' experience in the manufacture of gypsum products, and its unusual resources for research and development, has perfected a gypsum plaster that has exceptionally easy working qualities; surpassing strength and durability; resistance to heat, cold and fire; and maximum economy.

This highest-grade gypsum plaster is sold only in Red Top Bags. The Red Top Bag is assurance to the owner, the architect and the plasterer that this material is the best gypsum plaster produced.

Gypsum Plaster in Red Top Bags is obtainable everywhere. United States Gypsum Company mines and mills, dotting the country, produce it. Dealers in every part of America have it.

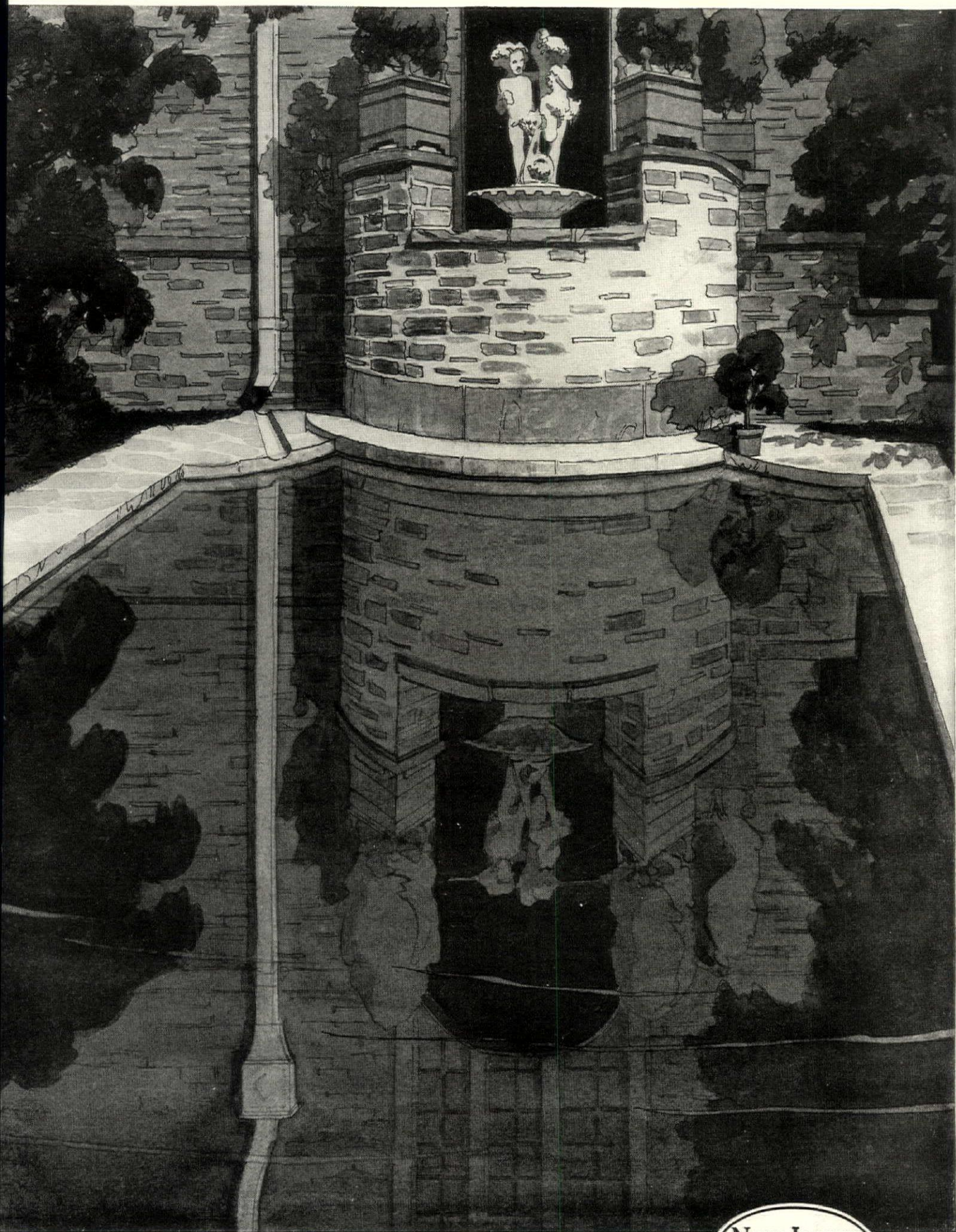
Because of its superior quality and absolute uniformity, this is the gypsum plaster for your building.

Insist on U S G Plaster in Red Top Bags.

UNITED STATES GYPSUM COMPANY
General Offices: 207 West Monroe Street, Chicago

U S G
PLASTER
in

red top
BAGS



REFLECTIONS 4 4 Before deciding upon conductors, gutters, roofing and flashings, reflect that you are offered three choices: first—temporary material at low first cost and high final cost. Second—permanent material at high first cost and fairly low final cost. Third—Horse Head Zinc at low first cost and low final cost.



The New Jersey Zinc Company

*Established 1848
Products Distributed by*

The New Jersey Zinc Sales Company

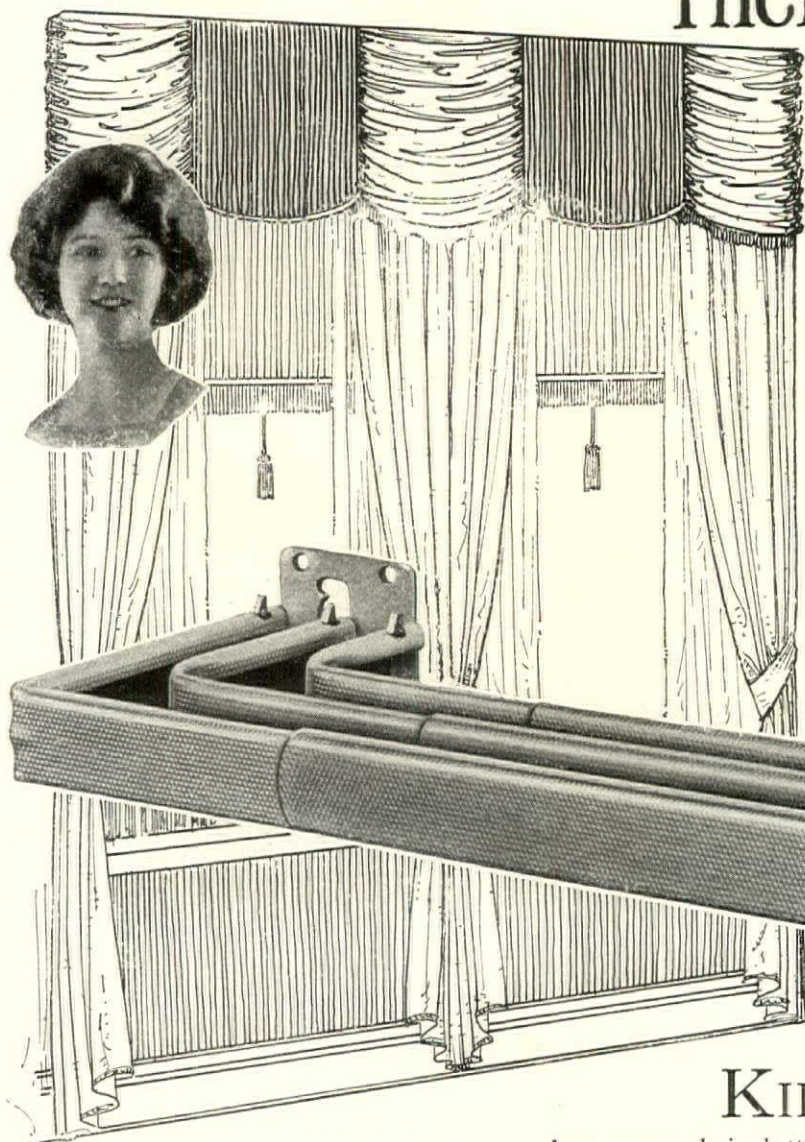
(INCORPORATED)
NEW YORK · CHICAGO · PITTSBURGH · CLEVELAND · SAN FRANCISCO

In planning Window Draperies—remember

There is no Substitute for

Kirsch

Quality and Service



Kirsch Curtain Rods are easiest to put up and use, and insure finest effects.

Kirsch Service tells how to plan and make your draperies, "What to Do" and "How to Do It."

Notice the finish. It's the superior Kirsch patented *StippleTone*. More beautiful. More artistic. More durable. At no greater cost.

KIRSCH CURTAIN RODS

have many exclusive betterments. Kirsch originated not only the rod of *flat* shape, but the improved features that make window draping easier and results more artistic and beautiful.

Kirsch Curtain Rods fit all your windows—secure any treatment you desire—insure correct style—and are the simplest and most convenient to work with. Only in Kirsch Rods do you get:

Kirsch sagless construction—in which strength and artistic grace are enhanced by the superior *StippleTone* process.

Kirsch patented *StippleTone* finish, a revolutionary improvement in artistic beauty and durability—provided in Brass and White, both at the same price.

Kirsch sturdy, one-piece bracket. The rods attach or come off by just tilting, yet never come off accidentally.

Kirsch one-piece, patented extension section, which builds up rods of any desired length.

Kirsch thimble or pilot that smoothly guides the rod into the draperies when casings are used.

Kirsch perfected pulleys and cords for draw curtains, French heading rings, drapery hooks, and other improved accessories.

Look for the trademark name on the carton

Kirsch
TRADE MARK REGISTERED

The cost of Kirsch Rods is modest (trivial compared with the value of your drapings)—and they stay like new for years. Why not have the best? Be sure and get the genuine.

Free Book

Pictures nearly 100 windows—many in colors. Tells "how" to plan and carry out the artistic and up-to-date effects that you see. Extremely practical and helpful. Our eighth and most valuable book.

If the booklet doesn't give all the help you need, write your problems to our Interior Service Decorating Bureau. They will gladly assist you.

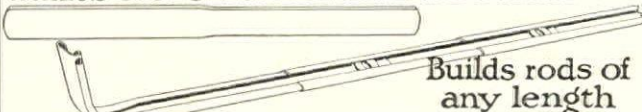
KIRSCH MFG. CO., 247 Prospect Avenue, Sturgis, Michigan, U. S. A.

Kirsch Mfg. Co. of Canada, Limited, 458 Tecumseh Street, Woodstock, Ontario

There is no substitute for Kirsch Quality and Service

Exclusive KIRSCH Features

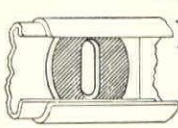
KIRSCH extension section



Builds rods of any length



Kirsch Pilot Free



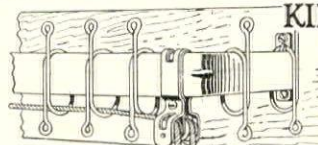
Kirsch Lock Free



Tilting Rod on Bracket



Two Kirsch Drapery Hooks



KIRSCH Pulley and Ring for Draw Curtains





The Other Side of the Plaster

Discuss These Advantages
of Milcor Firesafe, Crackproof Walls with
your Architect and Contractor

IN the finished room, those qualities are hidden which determine whether or not walls are sound-resisting, sanitary, firesafe and crackproof—it is *the other side of the plaster* which tells the story.

This important subject is not so technical that you cannot discuss it intelligently with your architect or contractor. Ordinary plastered walls quickly crack and crumble—they are neither safe nor economical. But walls that have Milcor Stay-Rib or Netmesh Metal Lath as a base for the plaster cannot crack, buckle, shrink, expand, rot or crumble.

In the above illustration where we have exposed the *other side of the plaster*, see how the network of rigid, expanded metal, embedded in the plaster, becomes veritably the backbone of the wall. Myriads of gripping fingers are formed by the mortar that works

through the key-ways of the lath. Every inch of wall surface thus becomes locked permanently into place. Such walls will always remain beautiful—no ugly discolored stripes can ever develop as they do on wooden lathed walls—and never any cracks.

Stay-Rib lathed walls are firesafe—have been accorded a full One-Hour-Rating by the National Board of Fire Underwriters. Fire will not spread from the room in which it originates if walls are Milcor Metal-reinforced. And because this metal lath requires less plaster and thus saves labor and materials, Stay-Rib Metal lathed walls are no more costly than ordinary walls. In the long run of service, they are decidedly more economical.

MILWAUKEE CORRUGATING CO., Milwaukee, Wis.
Kansas City, Mo. LaCrosse, Wis. Minneapolis, Minn.

Discuss this subject with your architect or contractor. Interesting literature may be had for the asking—also actual samples of this unique expanded Metal Lath and Expansion Door and Window Casings if you desire. Use the coupon.

MILCOR
STAY-RIB METAL LATH
“Backbone of the Plaster”

Milwaukee Corrugating Co.
Milwaukee, Wis.

Gentlemen:

Without any obligation on my part, please send me literature and samples of MILCOR Stay-Rib Metal Lath and Casings.

Name _____

Address _____

City and State _____

IMPORTANCE OF FLOORS IN INTERIOR DECORATION

Artistry in selecting beautifully grained wood and in finishing in new tones to harmonize with the color scheme assures more attractive interiors.

MARY EDGINGTON WIDNEY

NOW that many leading decorators use floors as the key to their scheme of decoration, oak is playing a more important role than ever before. Because of its beauty of grain, excellent finishing qualities, and great durability, oak has always been the preferred wood for floors. But of late a new vogue has expressed itself that promises to give greater scope to the possibilities of the decorator.

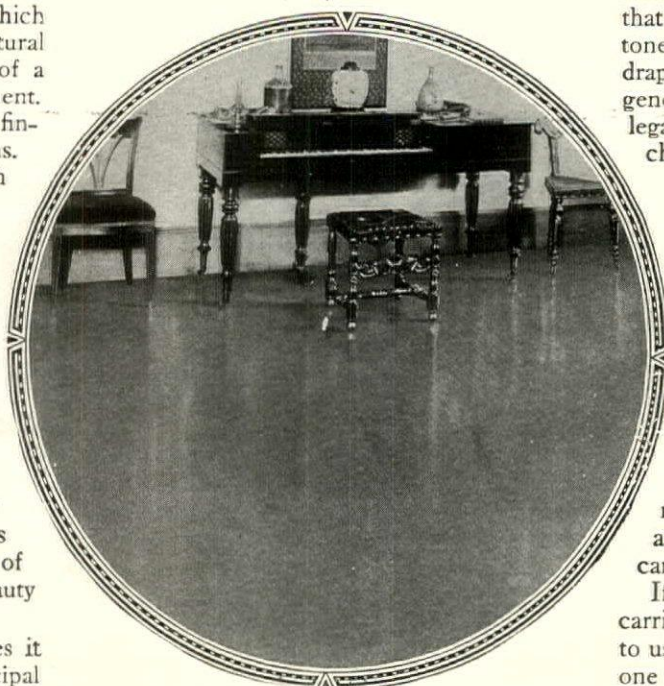
By the use of two new tones with which oak can be finished, together with the natural or weathered finish, the various rooms of a home may be given more individual treatment. In many of the newer dwellings a natural finish is used in the library and living rooms. In the dining room the new soft gray finish is relied upon to lend greater charm to the furniture, drapes and wall tones. A very lovely "forest green," suggestive of whispering tree tops, has been found to be ideally suited to oak floors in the sun rooms.

The effect of floors in different tones is charming. Each adapts itself perfectly to the requirements of the particular scheme of interior decoration used in that room. This choice of finish now opens up an entirely new field in interior arrangement. A greater variety of wall tones and drapes may be used. Choice pieces of furniture take on new distinction. The beauty of floor coverings is enhanced.

The velvety lustre that oak takes, makes it admirably suited for use in all the principal rooms. Wide expanses of shimmeringly beautiful oak floors afford perspective. Even modest pieces of furniture show to better advantage. Wall tones, pictures and hangings indicate a

finer taste. And above all there is a homelike atmosphere pervading each room.

Everyone with a keen appreciation of interior arrangement recognizes in oak floors beauty spots that enhance the charm of any room. It is these beauty spots in the home that are unfortunately overlooked by some people who do not realize that a properly finished oak floor lends tone to even the most modestly furnished room.



No home now may be said to be really modern that lacks oak floors.

To give attention to your wall tones and character and harmony of your appointments to the exclusion of your floors, is to overlook beauty spots that lend to every other phase of interior decorating the final touch of refinement.

You can easily bring infinitely greater charm to your own home. "Perfection" Oak Flooring will enhance the beauty of every piece of furniture. It will serve as a mellow ground color that will harmonize perfectly with your wall tones, and add distinction to your pictures and drapes. "Perfection" will remain beautiful for generations. It never needs replacement. It is a legacy that you may leave to your children, and it will be modern then.

Of course, the ideal time to consider the wisdom of "Perfection" Oak Flooring is when you are planning your home. Knowing how these floors become beauty spots of rare charm, you can better plan every step in the furnishing and decorating of your home. There is also a special thickness of "Perfection" Oak Flooring (1 1/2 inch) which is made to be laid over old floors, using the present floor as a foundation. With this, even those who have failed to install oak floors when building may do so now at any time, at a cost that is actually less than the cost of sufficient good carpet to cover the space.

If you do not readily find a lumber dealer who carries "Perfection" Brand Oak Flooring write to us and we will advise you of the address of one who does. We would be pleased to send you a copy of our latest booklet "The Outstanding Beauty Spots in Your Home." Your request will bring it by return post.

Arkansas Oak Flooring Co., Pine Bluff, Ark.



Beautiful waxed oak floors in this living room afford the proper setting for the luxurious pieces grouped about the fireplace.

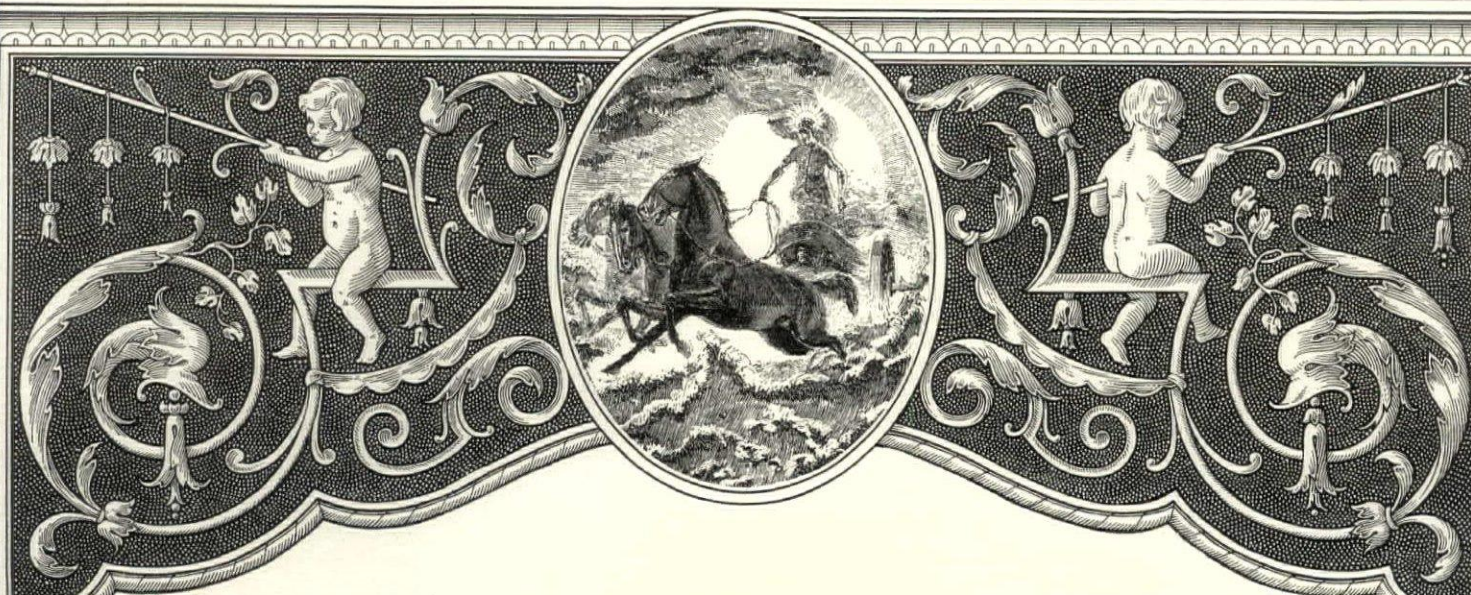


'PERFECTION'

Brand Oak Flooring



Wide expanse of lustrous oak floors help to give an airy coolness to this dining room.



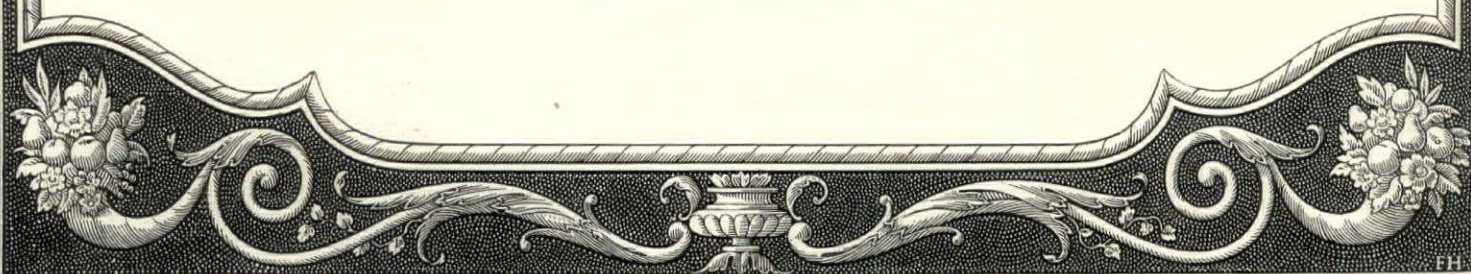
De'Jon

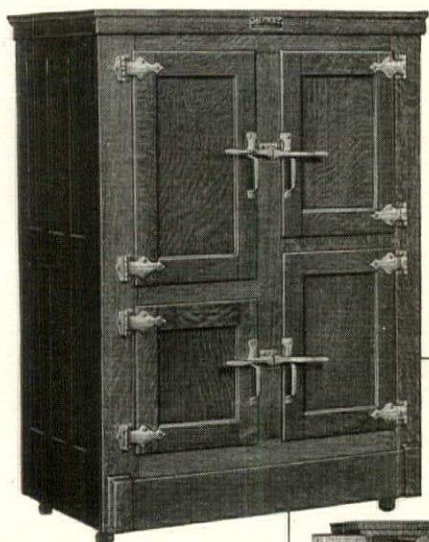
Starting, Lighting and Ignition System

DE'JON has the reputation for attaining the highest degree of excellence for automotive electrical systems.

Its production is purposely limited to those manufacturers who want to endow their cars with superlative quality.

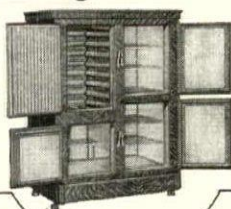
DEJON ELECTRIC CORPORATION
Builders Ignition Technique
 POUGHKEEPSIE, NEW YORK





Look for the McCRAY
name plate

You'll find it on the refrigerator equipment in the better grocery stores, markets, restaurants, hotels and in homes. This name plate gives positive assurance of foods kept pure, wholesome and palatable.



BUILT to SERVE—and Endure

IT'S very appearance is at once the evidence and the guarantee of the quality of the McCray refrigerator. There are McCrays in service for a quarter of a century, still giving satisfaction to their users.

The staunch oak case, thoroughly insulated walls, substantial hardware, and above all the McCray ideal, which for a third of a century has been to build better quality into every hidden detail—these are your assurance of food saving, health protection, enduring satisfaction when you install a McCray refrigerator.

Residence models may be used without change for either ice or mechanical refrigeration. Outside icing feature available if desired. McCray builds refrigerators for every purpose—for large or small homes, hotels, clubs, institutions, stores and markets.

Send the coupon for complete information regarding refrigerators for your specific needs.

McCray Refrigerator Co.
2413 Lake St. Kendallville, Ind.
Salesrooms in All Principal Cities
(See Telephone Directory)

McCRAY

REFRIGERATORS

—for all purposes—

Check below the refrigerators in which you are particularly interested.

- ☐ Residences ☐ Florists
☐ Markets ☐ Grocers
☐ Hotels, Restaurants, Clubs

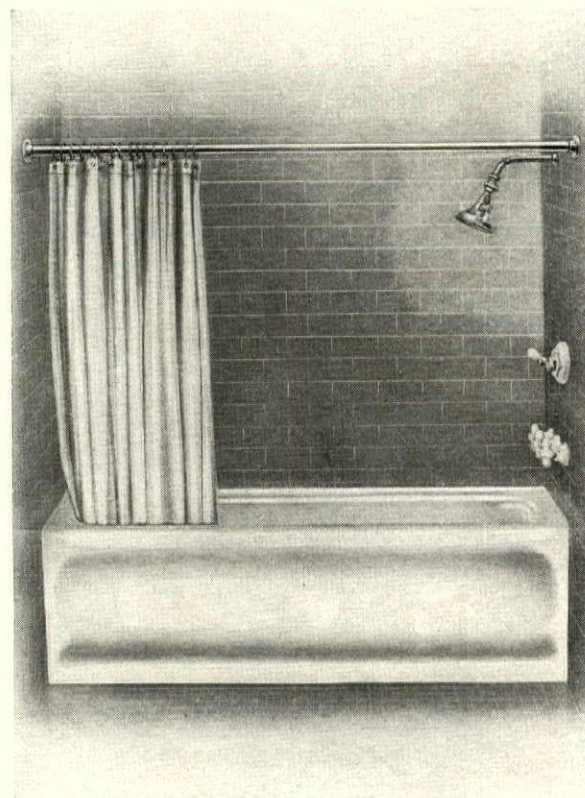
McCray Refrigerator Co.,

2413 Lake St., Kendallville, Ind.

Please send me further information about the refrigerators checked.

Name _____
City _____
Street _____

For over a built-in tub



We particularly recommend this Mixometer Shower H-952½

YOU have every possible shower convenience when you install this H-952½ Mixometer Shower. The temperature of the shower can be changed as gradually or as fast as desired by turning the handle of the Mixometer. The shower's force can be made to suit the individual liking of every member of the house by half a turn of the handle in the Anyforce Head.

All handles and escutcheons are finest American-made and extra heavy—proof against chipping, cracking or crazing. Brass pipe is used in connecting the Mixometer and Bath Valves. All joints after being screwed up tight are sweated, or sealed with molten lead. They are also tested before being sent to your plumber.

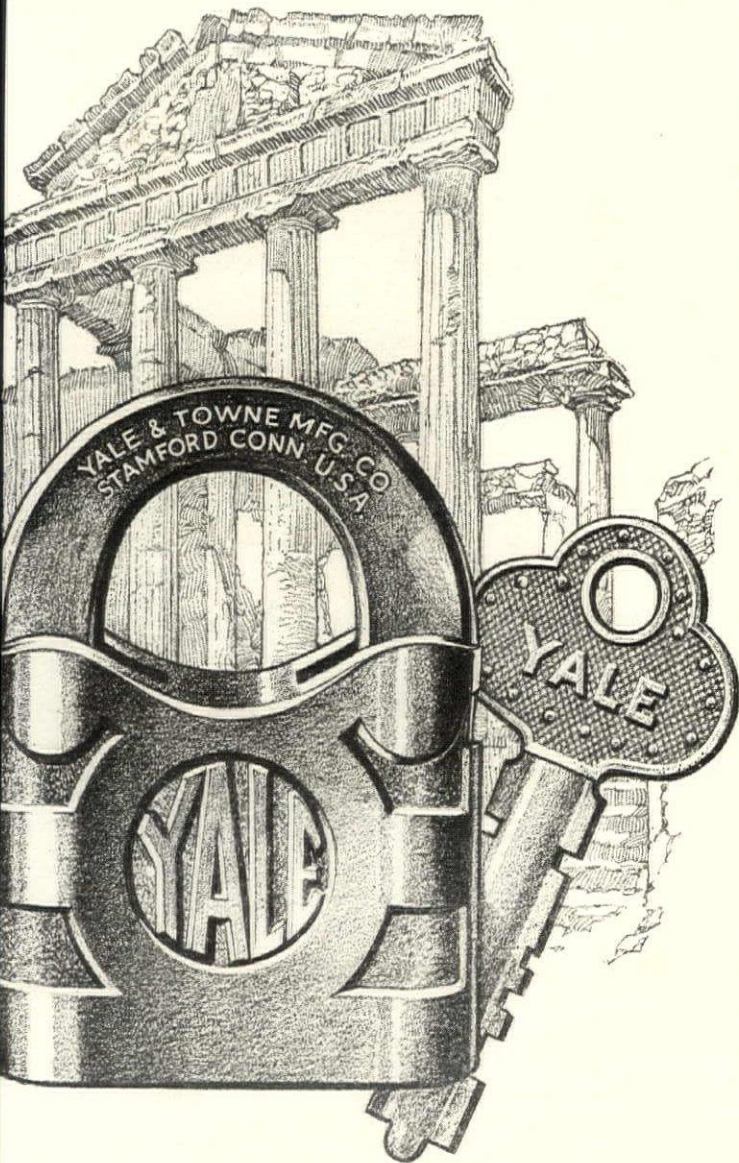
The H-952½ Mixometer Shower can also be used in a stall. It is one of several showers illustrated and described in our Booklet, "Once Used Water." We'll send a copy, also a copy of "Authorities Agree," our latest Booklet on the health value of shower bathing. In writing, please mention your plumber's name.

SPEAKMAN COMPANY, Wilmington, Delaware.

SPEAKMAN SHOWER

THE MODERN BATH ROOM HAS A SHOW

TRADE **YALE** MARK



YALE ENDURES

Yale bronze Padlocks can be trusted to resist the attack of time and rain and rust, of fire and frost; of jimmy, skeleton key, or axe.

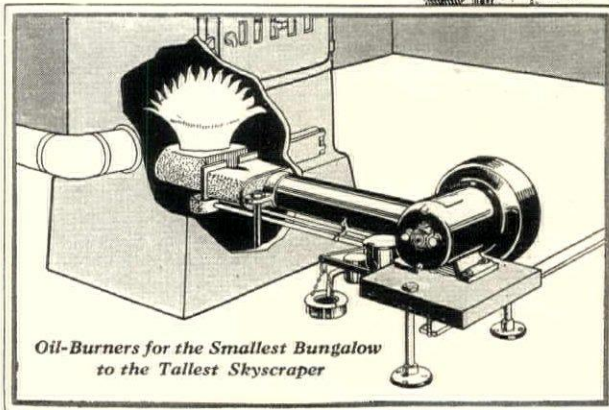
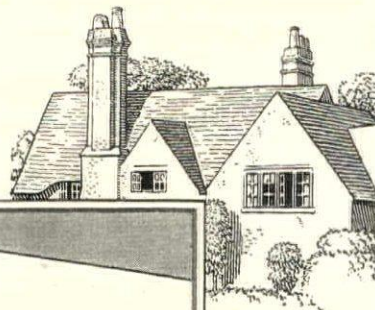
Yale never betrays that trust.

There is only one manufacturer of Yale Locks and Keys. The mark YALE means the name of the maker.

The Yale & Towne Mfg. Co.
Stamford, Conn., U. S. A.
Canadian Branch at St. Catharines, Ont.

YALE MADE IS YALE MARKED

Pay as you use it!
Now liberal terms



Now—oil-heat your home this clean new way

This amazing new oil-burner for small homes now within the reach of all. No coal or ashes. Just set the thermostat and get uniform heat all over the house

NOW comes the new way to heat small homes. At a new low price, and terms low enough for all.

This new way of heating is with oil. And this new oil-burner is made by the makers of Kleen-Heet, the famous oil-burner now used in thousands of large homes and buildings everywhere.

Heating with oil is the new-day way. It assures constant, controlled heat. 24 hours a day. Without attention.

No dirty coal pile; no ashes to remove. No rising at dawn to start the furnace. An oil-burner cannot die, leaving the family shivering.

Coal can't compete with oil

Oil has supplanted the old-fashioned way of coal heating. Coal deliveries are uncertain. Coal is dirty, costly. Oil is clean. *There is no waste.* No smoke, no gases.

This new oil-burner was made as a result of the insistent demand of small home owners, people with 6 and 8 room houses, bungalows, 2-apartment houses, for oil heat such as was available for large houses.

Kleen-Heet engineers perfected it. Thousands are in use today. It is proved reliable—and we guarantee it. It is the most modern thing in oil-burners. The lowest priced completely automatic oil-burner.

Suppose you now pay a furnace man \$15 a month to attend your fires; and \$3 a month to remove the ashes. That's \$18 a month. If you do this work yourself surely your own time is worth what you would have to pay.

This new oil-burner will be installed for a small down payment, and as low as \$25 a month. Only \$7 a month more than you actually save by eliminating coal. Less than 25 cents a day—and no upkeep or maintenance.

Get the facts—TODAY

Send the coupon for facts on oil heating. Now, while the coal bin is empty, see this new oil-burner. Have it installed right in your present furnace.

Begin now, to know real home comfort. Without care, without extravagance. Get the book today. Do not delay.

At New Low Price

Terms within the reach of all. Prices quoted include installation.

*Fits your present furnace
Send the coupon today!*

Send the Coupon Today for the Facts

Kleen-Heet
Automatic Oil Burning Systems

H. & G. — 9-24
**Winslow
Boiler &
Engineering Co.**
208 S. La Salle St.
Chicago, Ill.

(Check One)
Please send free book on oil heating ☐ Without obligation, send your engineer to examine my present heating plant ☐

When You Build or Repair

Give heed to hardware

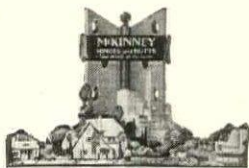
THE only reason some homes are hardware-poor is lack of forethought. Little temporary frills are added to the house as it progresses and then disappointment dawns upon the owner when he finds his hardware fund depleted. The use of poor hardware is never intentional — it just happens.

Don't let it happen to you. The preventive is simple. To guard against this mishap consult the hardware merchant early in the process of building. He will give you information about McKinney Hinges and other hardware. He will show you the many finishes and calculate costs. Then select your hardware and secure your selection by laying aside adequate funds.

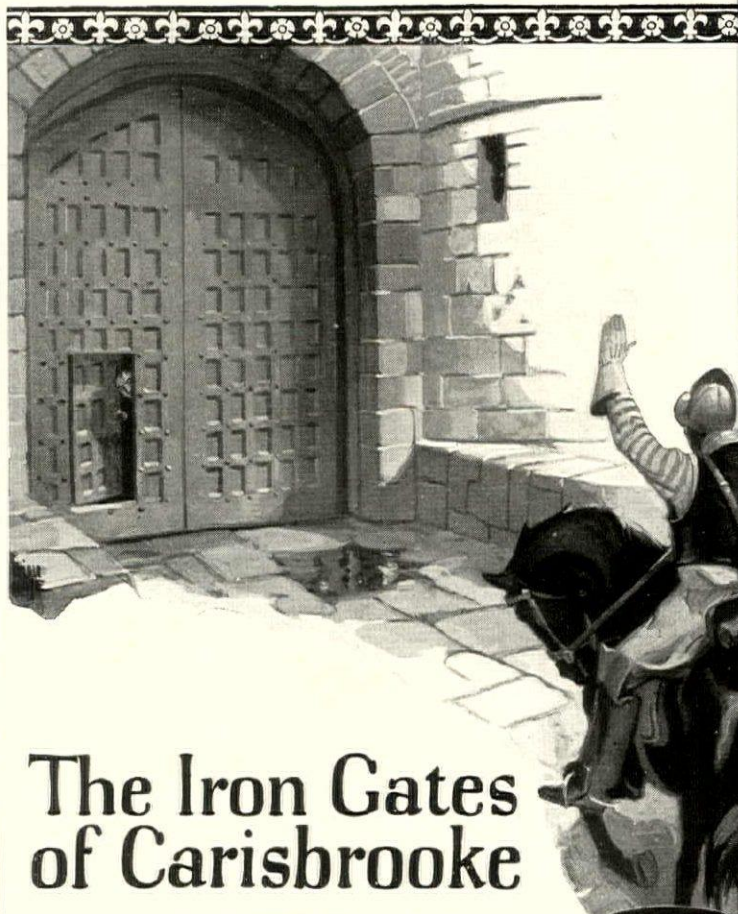
* * * * *

It is McKinney's desire to contribute to the success of your home in every way possible. With that purpose in mind, a set of Forethought Plans has just been devised. They have little to do with hinges, but much to do with your home. With them you can arrange and rearrange your furniture right on the blue prints. A complimentary set will be sent to those about to build. Just write.

MCKINNEY MANUFACTURING COMPANY
PITTSBURGH, PENNSYLVANIA



MCKINNEY HINGES



The Iron Gates of Carisbrooke

ON the Isle of Wight stands Carisbrooke Castle, where King Charles I was imprisoned while awaiting execution. The massive stone walls built in the Eleventh Century are fast mouldering into ruin. But the great gates of wrought iron bars still stand, defying the assaults of Nature as for centuries they withstood the attacks of armies in bygone sieges.

No one has ever estimated how long wrought iron, with no other protection than its native resistance, can withstand the corroding effects of water. Certainly there has never been discovered a pipe material which so combines longevity with reasonable price. You may install Reading Genuine Wrought Iron Pipe in a new building with every expectation that the piping will be in good condition when the building has outlived its usefulness.

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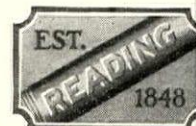
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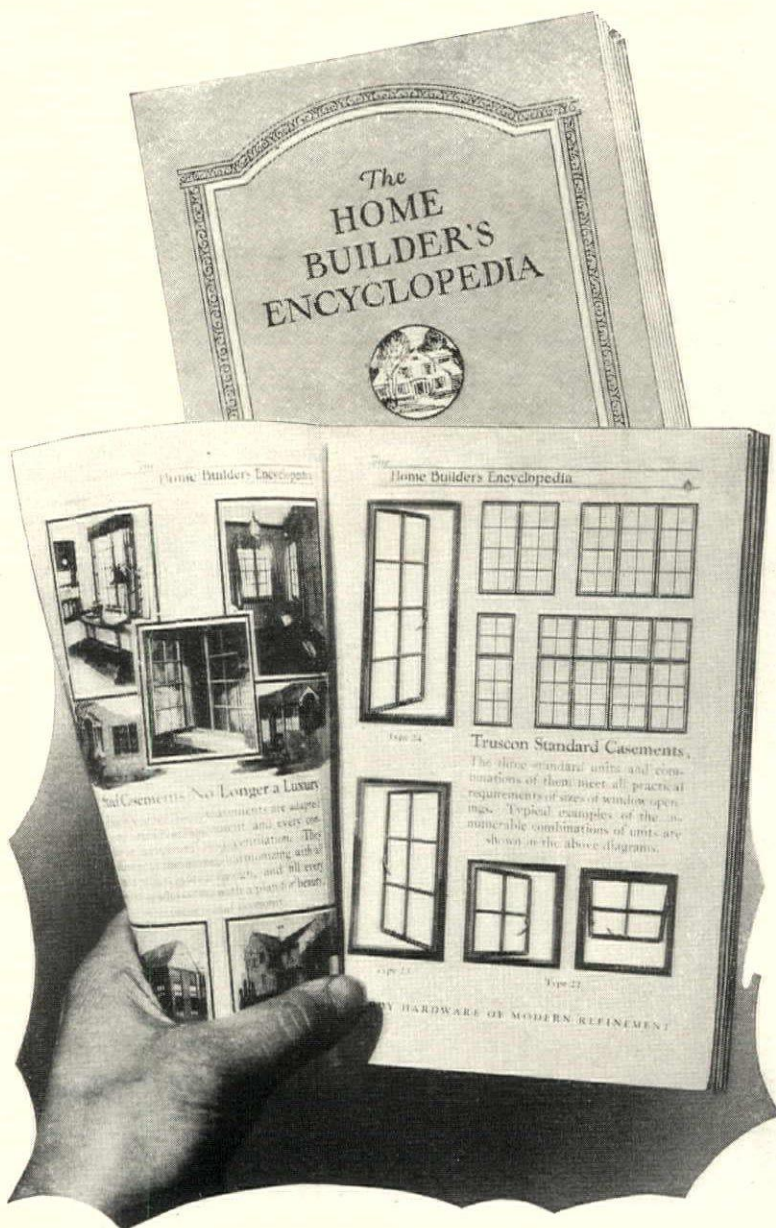
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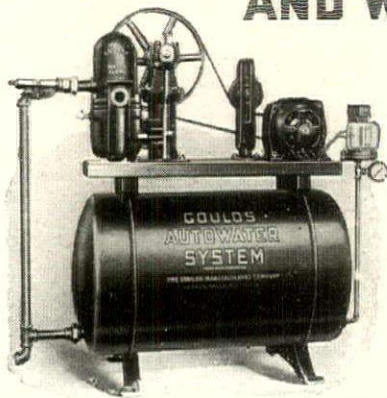
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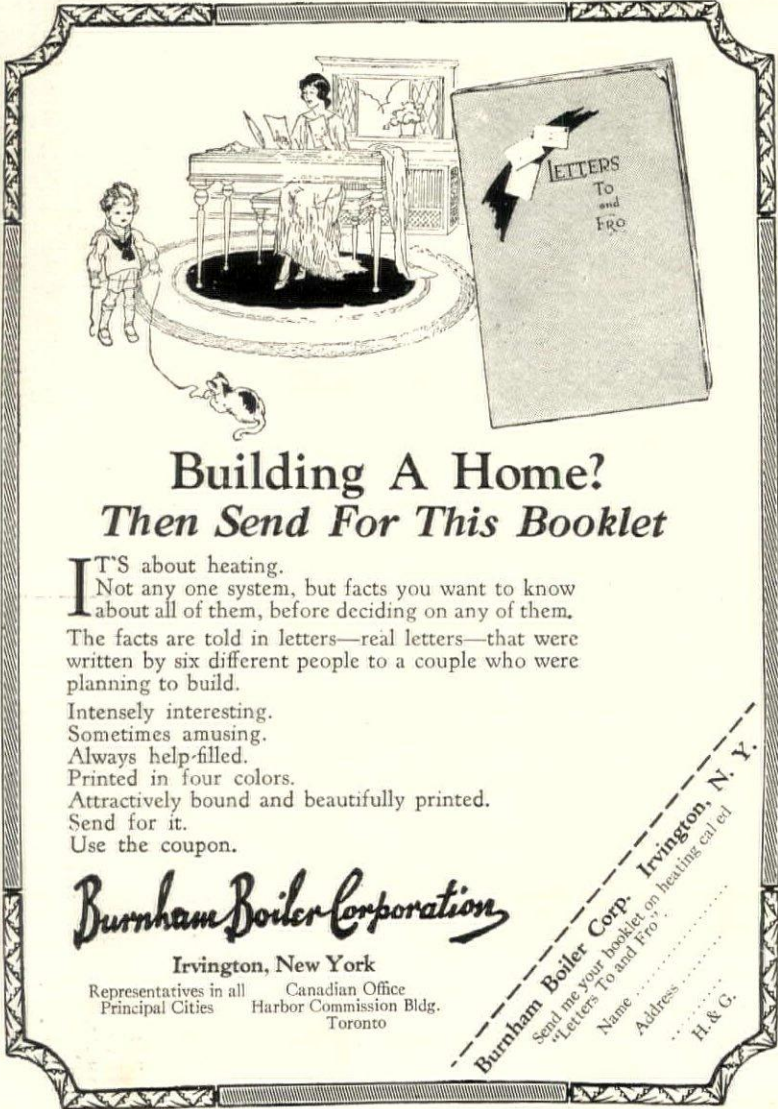
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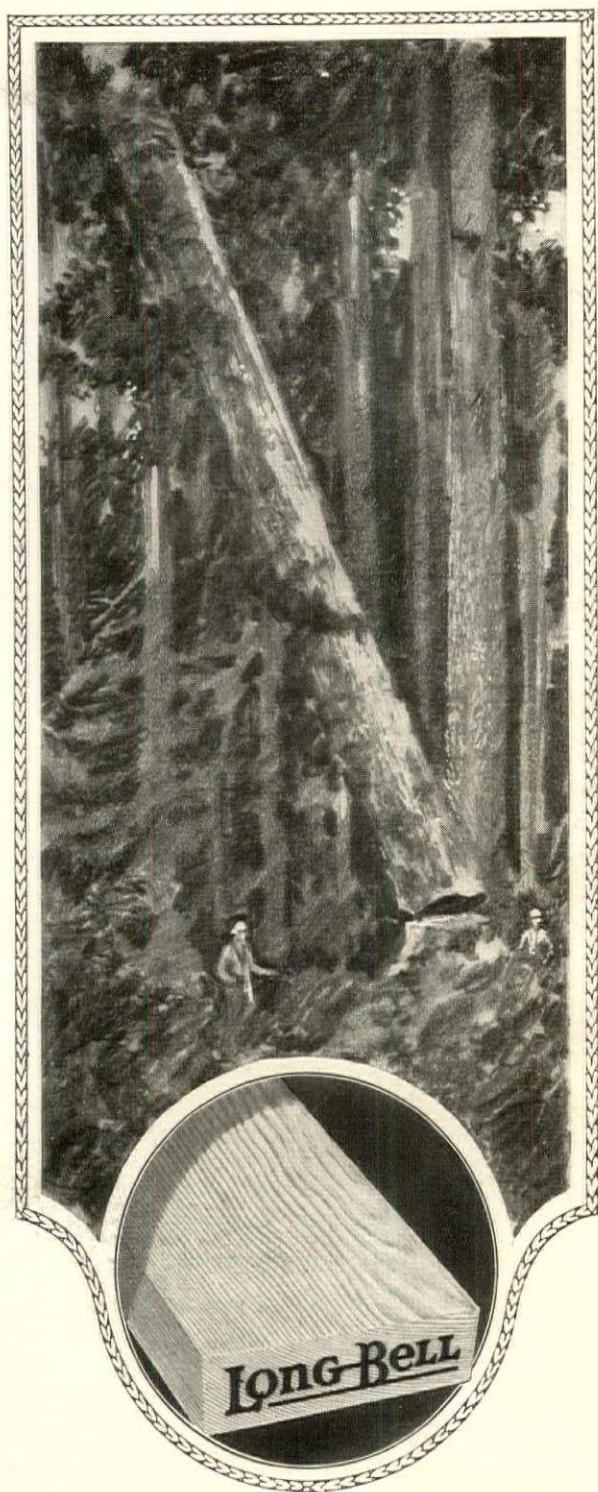
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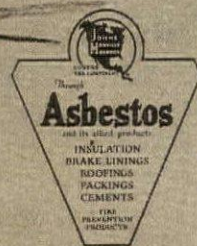
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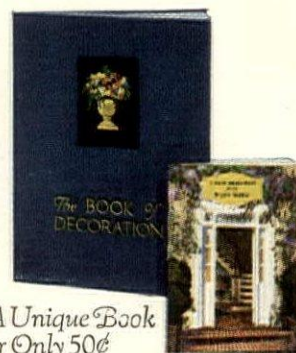
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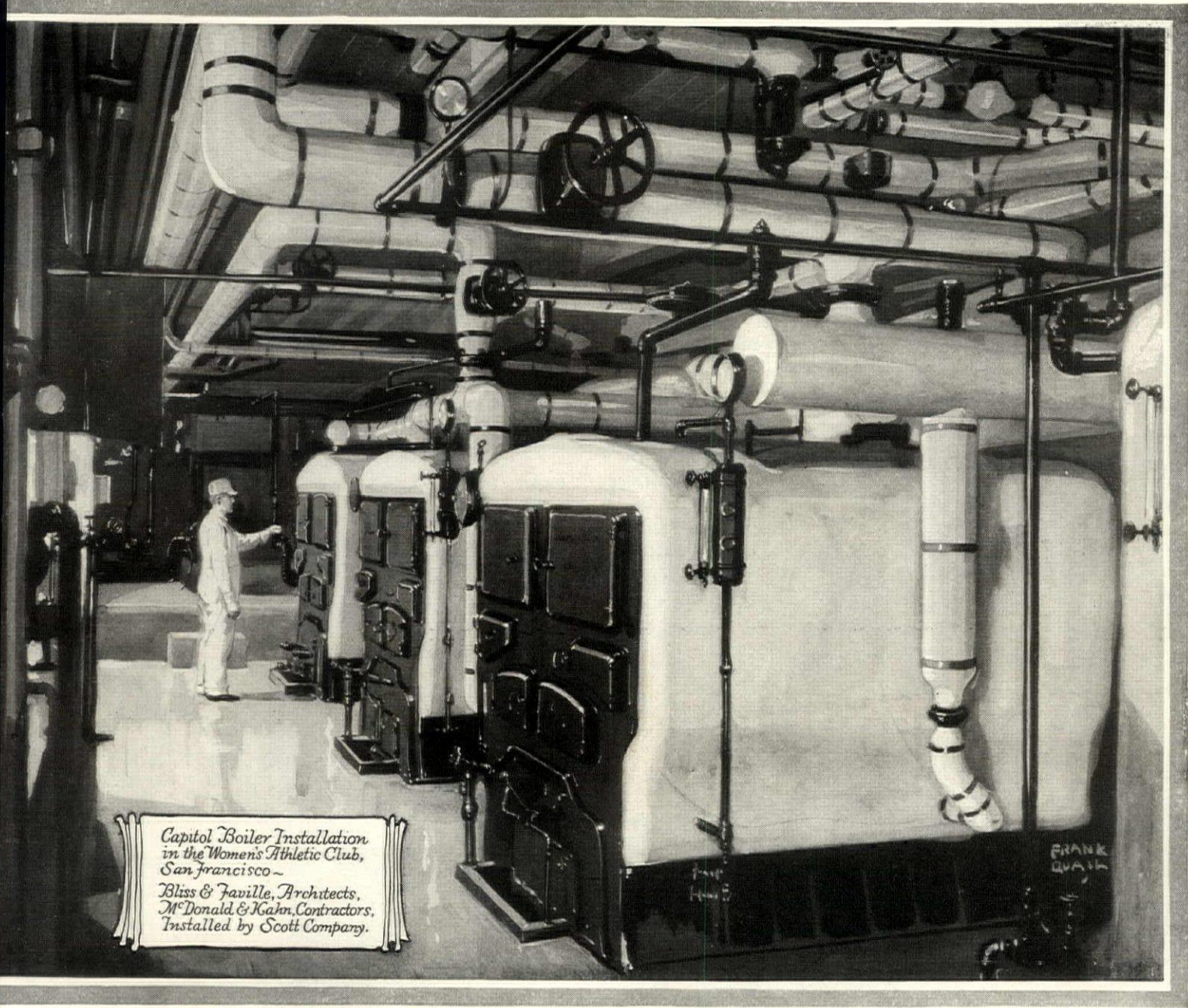
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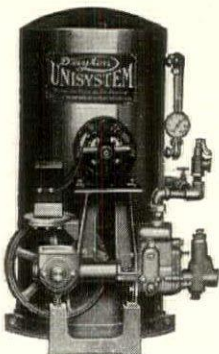
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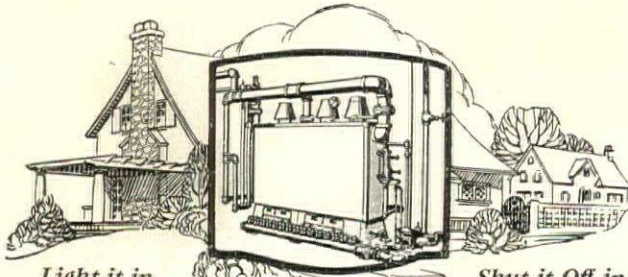
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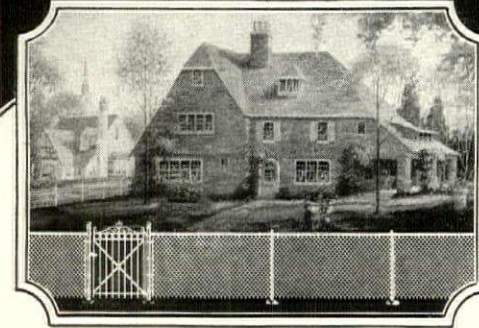
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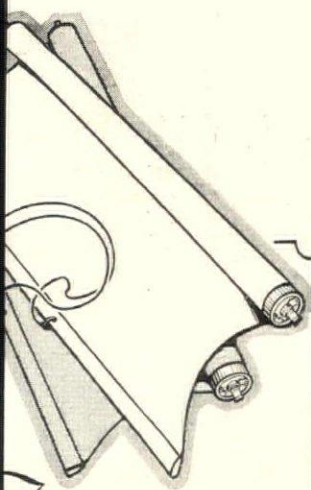
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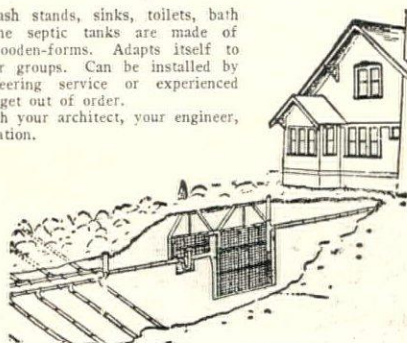
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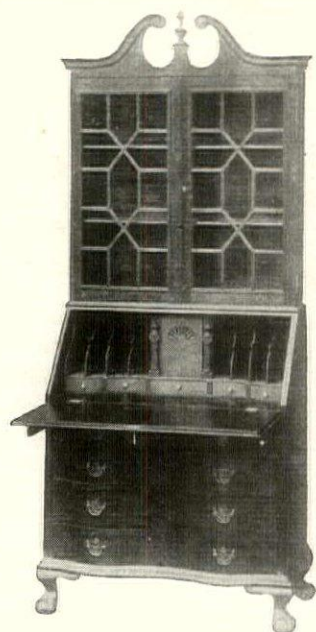
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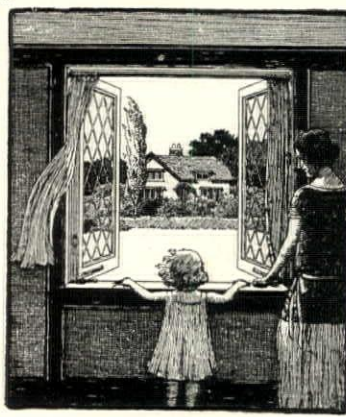
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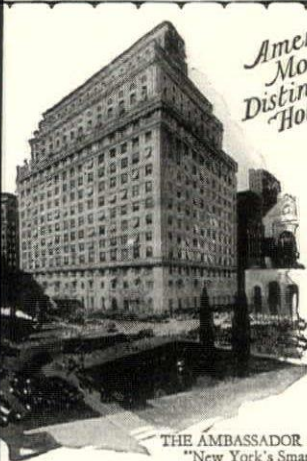
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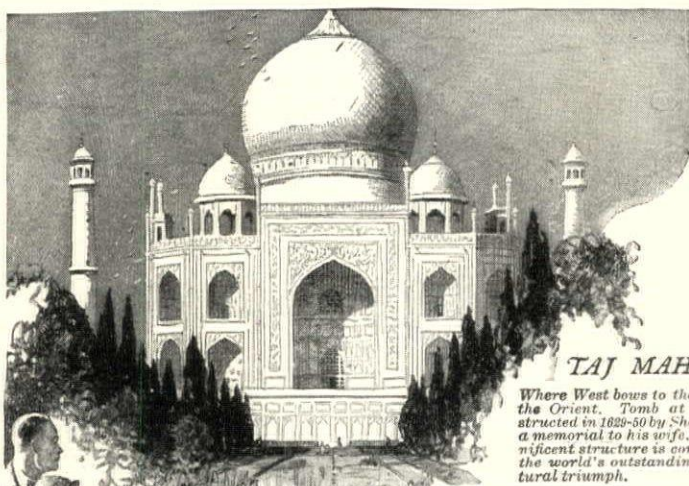
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EAST?

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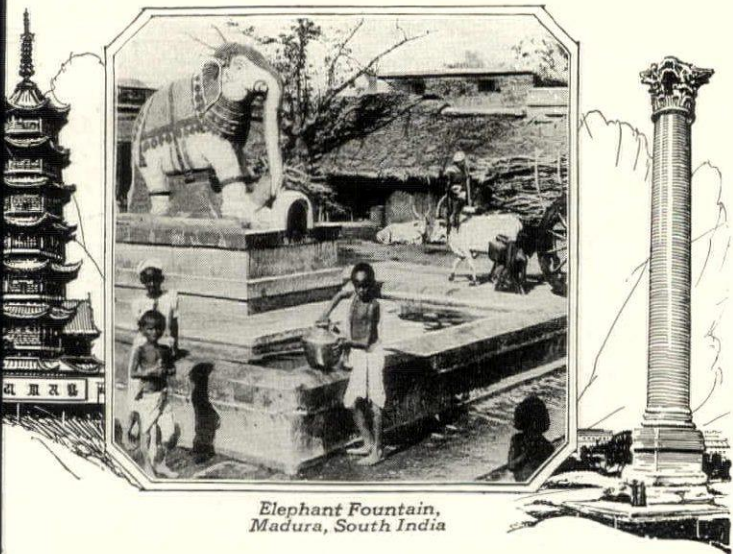
You owe it to yourself to get a bigger horizon before you die and go where there isn't any . . . and besides, it's all such fun! You owe it to yourself not to put off anything you'd like . . . and doesn't this qualify?

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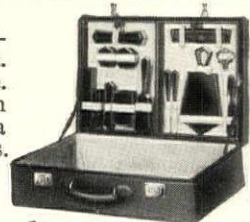
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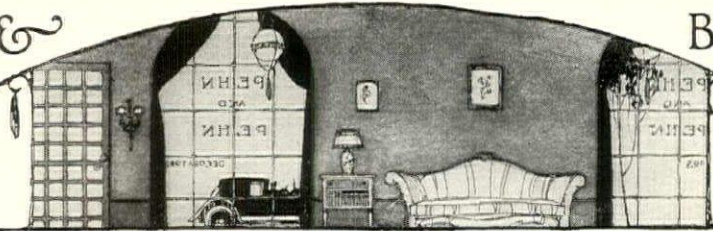
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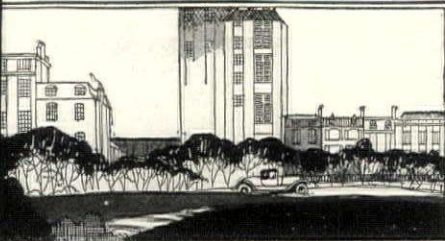
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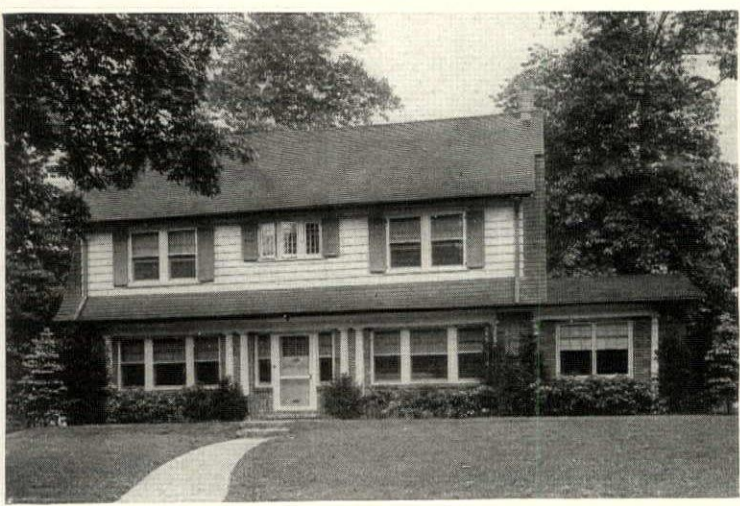
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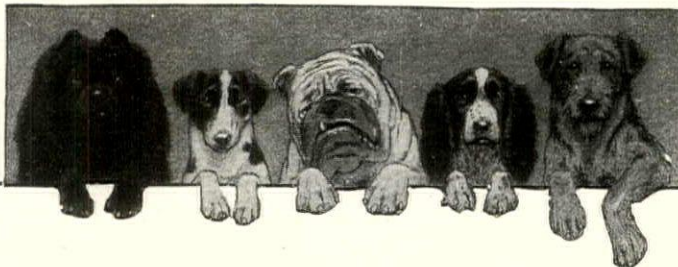


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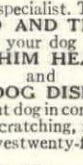


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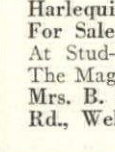
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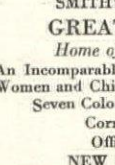
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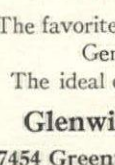
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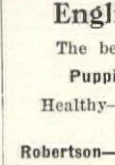
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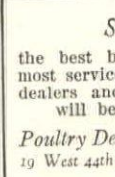
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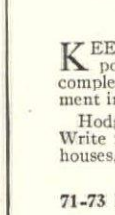
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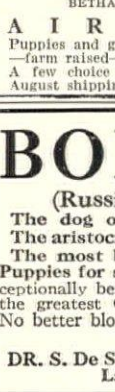


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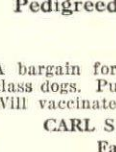
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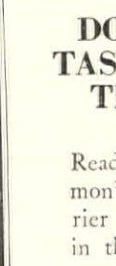


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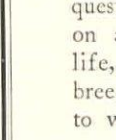
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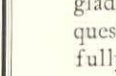


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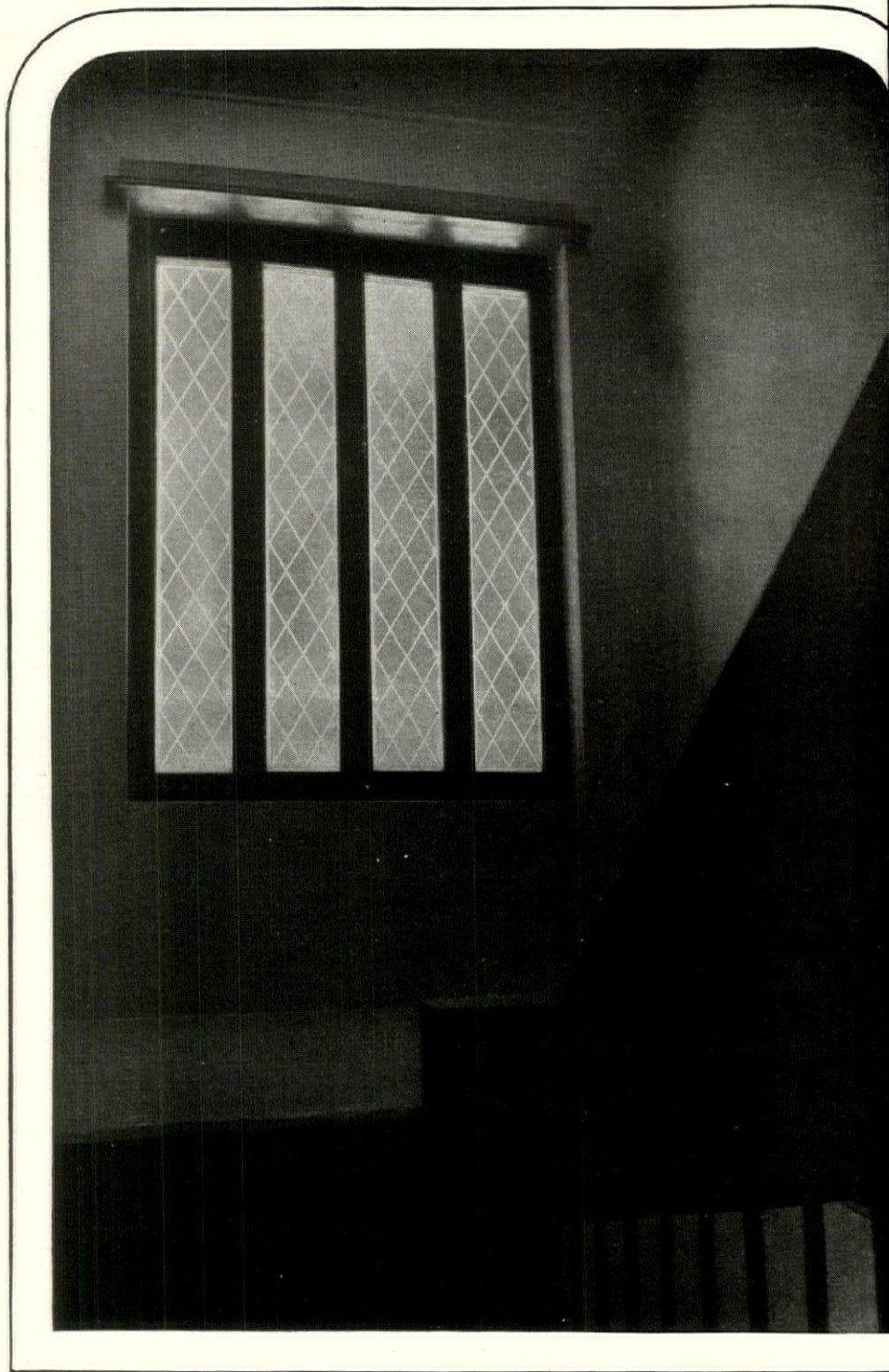
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it obstructs and obscures vision. It is opaque when used in office partitions, in windows or doors fronting on the street or on distracting surroundings. In stores it may be used for side or rear windows and to replace prism glass above show windows. In residences Tapestry Glass is particularly suitable for fanlights, side lights, transoms, front doors and windows. Churches, banks, fraternal organizations, offices, schools—wherever a flood of clear light is necessary

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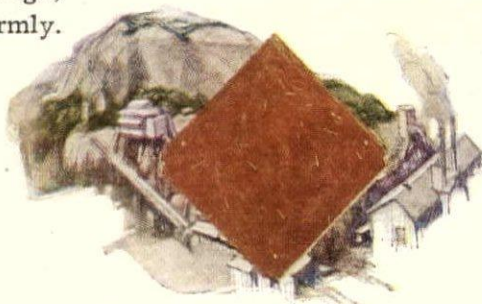
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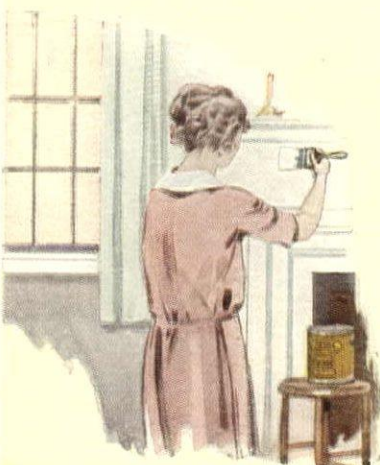
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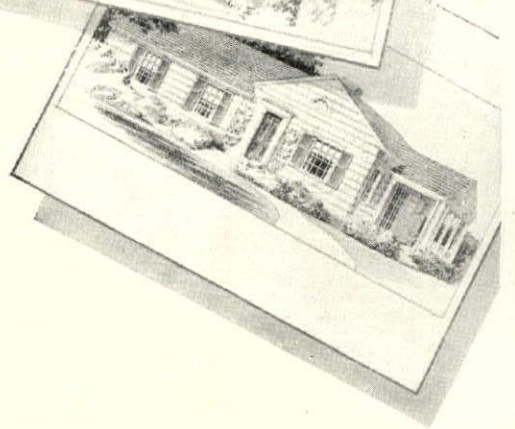
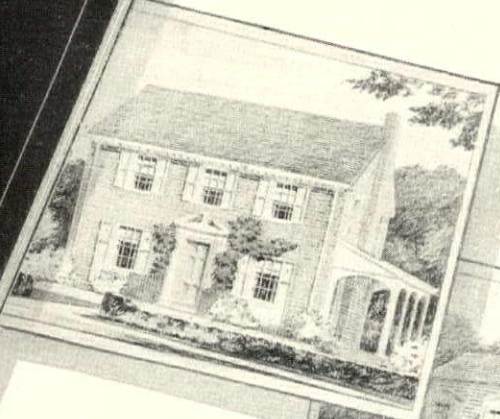
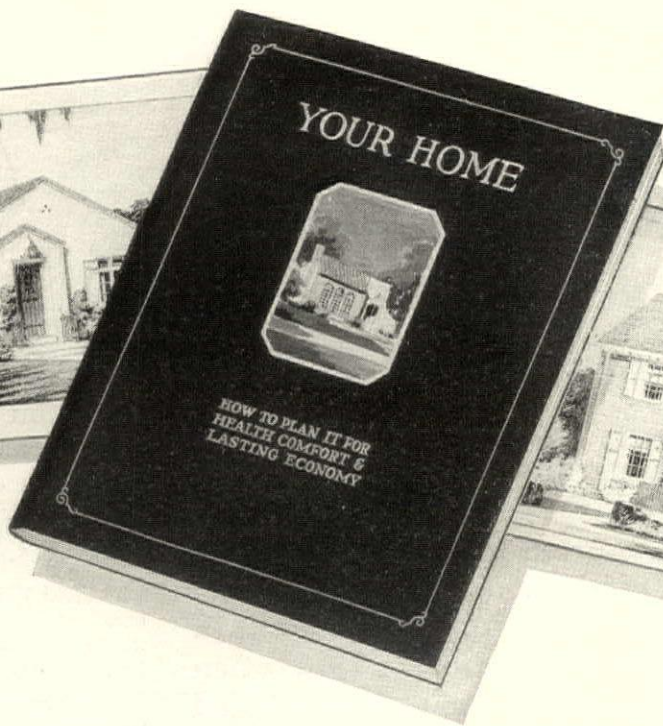
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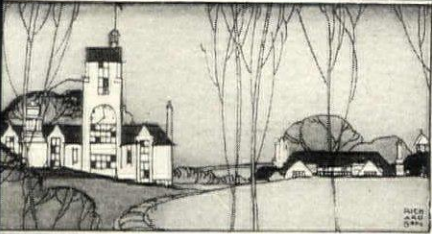
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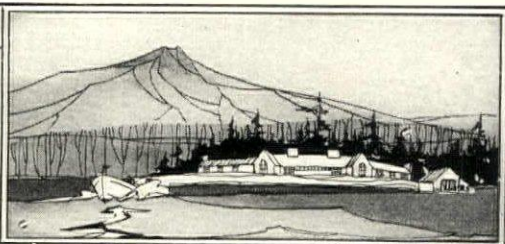
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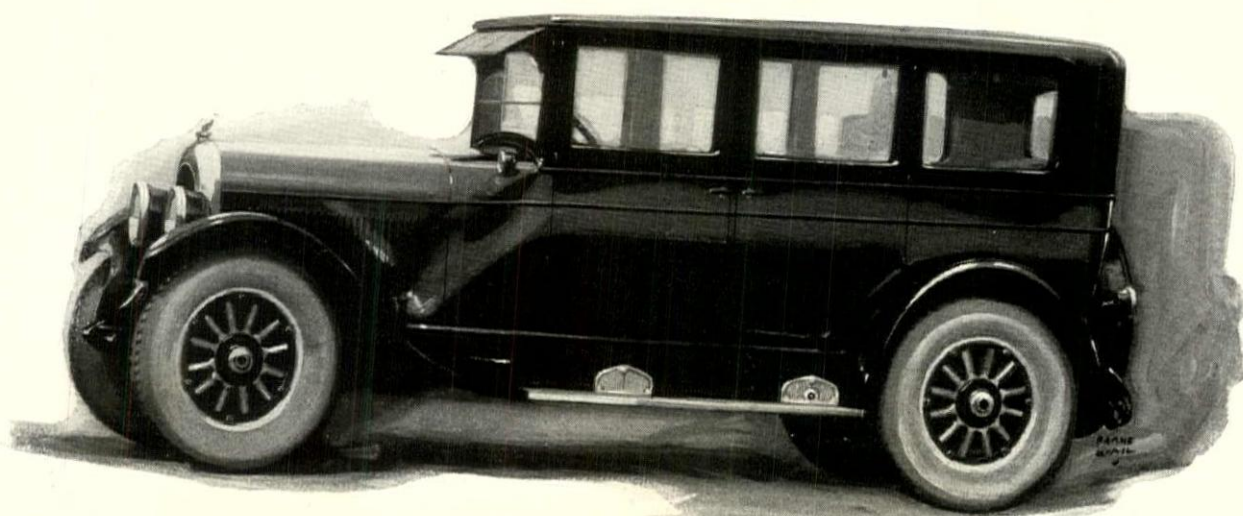
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House &



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Chrysler Six Features That Give Results Never Before Known

The Oil-Filter and the Air-Cleaner

There is open acknowledgment everywhere, now, that Chrysler engineers have gone years beyond previous conceptions of the highest and the finest in motor car performance.

But the intensive development work of three years, which in advance of production brought the Chrysler Six to its present state of perfection, concerned itself with far more

than the obvious phases of performance. The oil-filter and the air-cleaner, which contribute so much to motor car results never before known, are two outstanding examples.

The two of them operate together, in a way never before devised, to exclude ruinous and abrasive grit, dust and dirt from the inside of the motor.

If gasoline is food to a motor, oil is its life blood; and the best motor on earth can't keep well on dirty oil any more than you can with diseased blood.

Chrysler engineers say to you, in all sincerity, that they positively protected the Chrysler Six engine against damage and a shortened life by reason of impure and unclean oil.

For the Chrysler Six oil-filter—a real filter, not merely a screen—takes all of the muck and grime out of all the oil in the crankcase, approximately every 20 to 25 miles of driving.

It may go into the filter black and gritty, but it comes out clean and pure as new—minus all the foreign elements that scratch and scrape, and treat the bearings as millions of sharp tiny files would treat them.

Engineers freely predict that Chrysler has shown the way to one of the greatest motor improvements in years. They say the Chrysler oil-filter will do away with most ordinary motor troubles.

The oil-filter hands back, purified and cleansed, gallons of oil that otherwise would have to be thrown away.

No less important is the Chrysler air-cleaner which passes none but clean air through the carburetor into the cylinders.

The oil is kept cleaner even if there were no oil-filter—for road dust and grit cannot pass the Chrysler air-cleaner. Thus the engine is doubly safeguarded.

That is how engineering study of every detail puts the Chrysler Six in an entirely different class.

It is the same advanced engine which unites, in a six-cylinder motor, 68 horse-power and a speed capacity of over 70 miles per hour with such remarkable gasoline economy as less than 20 miles per gallon from a 100-horse-powered motor.

At every turn, you find superior performance in Chrysler Six engine and performance—in the vibrationless engine, in riding ease and stability enable you to drive 60 miles an hour over cobbles or ruts, and so on.

To say it in the briefest way Chrysler Six represents the finest brains and money can produce; and you have not yet put this car to your own tests, you are missing a very real deal in motoring experience.

All Chrysler Six dealers are in position to extend the convenience of time-payments. Ask about Chrysler's attractive plan.
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The Chrysler Six

Pronounced as though spelled, Cry'sler

House & Garden

This view of a garden wall about an old French manoir will appear in an article on French gardens in September



THE longer we live the more we realize that only fools or children believe that they can please everybody all the time. And whenever an erstwhile Loving Reader sends us in her excuse for not subscribing to HOUSE & GARDEN again, we just take it philosophically and go out and get another subscriber.

There was the Loving Reader who, after enjoying us for years, gave us up regretfully because the number of advertisements made the magazine so heavy that it was tiring and a nuisance to hold. We can't deny that the magazine has grown heavy to hold; in fact, the other day we discovered that of 52 magazines surveyed by Printer's Ink HOUSE & GARDEN stood fourth in advertising lineage for the first six months of 1924. First Mr. Curtis' Saturday Evening Post, then Mr. Condé Nast's Vogue, then Mr. Curtis again with the Ladies' Home Journal and then Mr. Nast with HOUSE & GARDEN. In the face of such evidence we couldn't possibly convince this Loving Reader that HOUSE & GARDEN was slim and light; we have only to regret her departure from our fold.

And then there was the Loving Reader who, having scanned the pages month after month for years, finally came to the conclusion that in all this time she had really found nothing that interested her. This was discouraging—discouraging to her and certainly discouraging to us. We might have written a long communication aimed at convincing her how utterly wrong she was, but, instead, we told her a story. There was once a wise old priest to whom came one of his most devout parish-

ioners, a woman who went to church every day. She complained that she no longer found anything to uplift and interest her. So the priest, knowing human nature, forbade her coming to church except once a week. We wrote our friend, forbidding her to read HOUSE & GARDEN for a year. Perhaps after the year's penance is up she'll find something of interest on the pages.

There are those who think we are missing editorial opportunities. Like the man who suggested that we show ideal locker rooms for country clubs. The woman who wanted pages of sports clothes, and the man from the suburbs who suggested a page called "A Good Time Was Had By All" wherein we would explain the mysteries of Mah Jong and the intricacies of Skat. To these we explain that we really aren't publishing an encyclopaedia, that we have evolved a policy and try to stick to it. Changing the policy of a magazine is about as safe a game as stout people swapping seats in a canoe.

On the other hand are those discerning readers who by suggestion and advice make the work of editing a magazine a pleasant and lucrative pastime. They tell us what interests them from month to month and what failed to interest; they explain how this page solved their problem and why others did not. Intelligent criticism is the most valuable assistance an editor can receive, and HOUSE & GARDEN's readers have been generous with their time and effort and thought in helping us make a magazine that will be of the greatest service to the greatest number of people.

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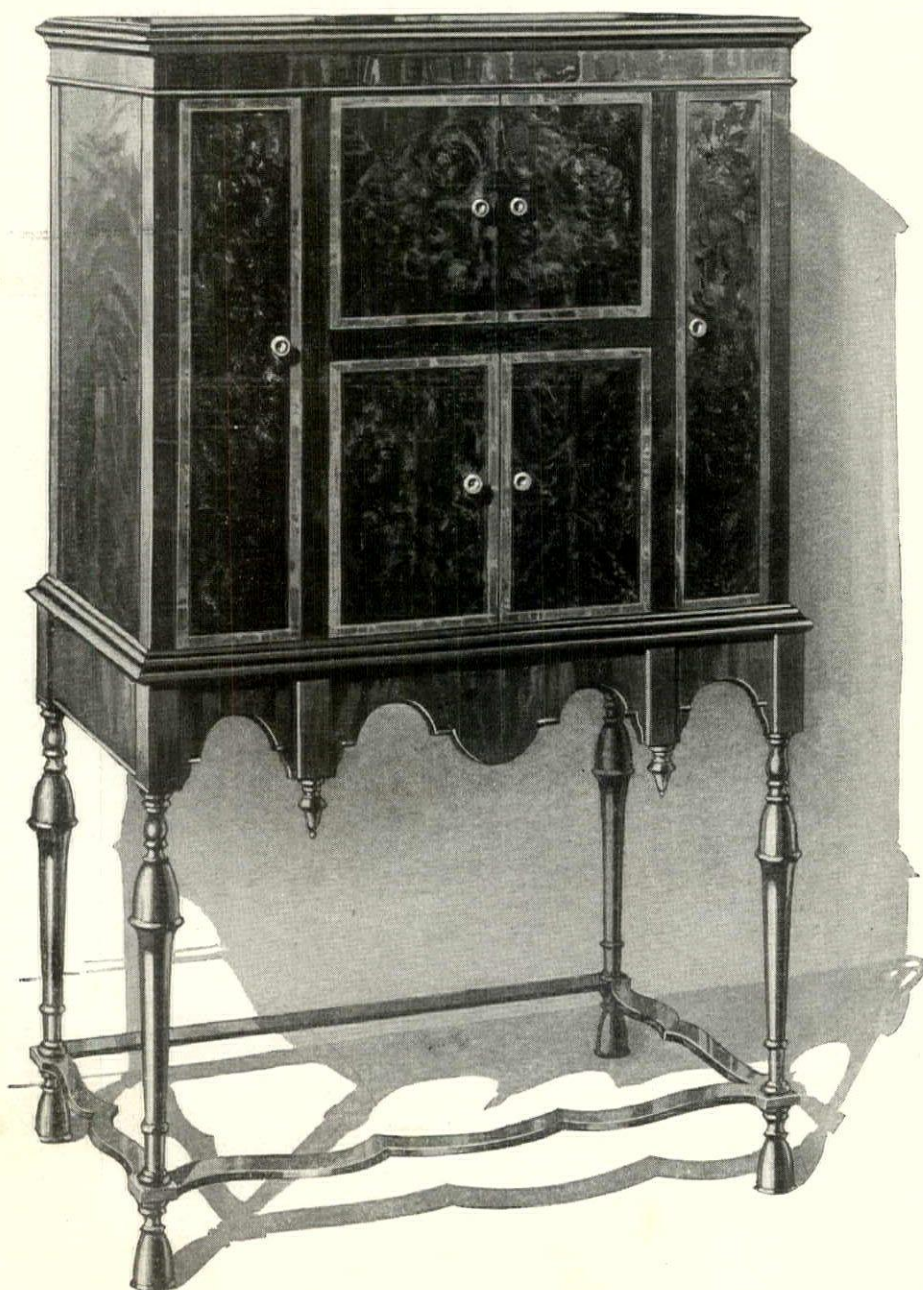
NUMBER THREE

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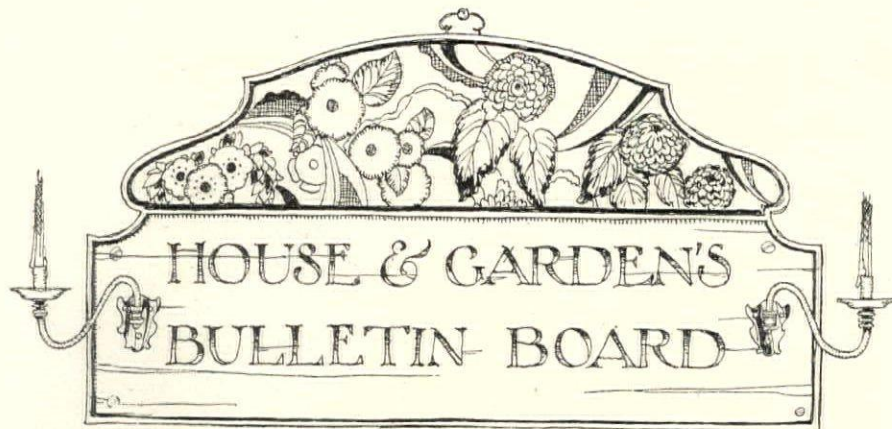


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C. N. FORESTIER, who created the Roserie at the Gardens of the Bagatelle in Paris, contributes the first article in the October Autumn Gardening Number. He will show the various stages through which French gardens have passed from the earliest designs to the most modern. In this issue "Chinese" Wilson will also be represented; Stuart Ortloff will write on Fall Planting, Elizabeth Leonard Strang on a Bulb and Annual Garden, Emile Mardfin on Broadleaf Evergreens, Samuel Fraser on raising Filberts and Miss Abbersoll, who won the garden article prize, on using native plants in the garden. These are the major contributors to the gardening section.

In the decorating pages you will find the dining rooms of the Four Ideal Smaller Homes completely furnished. There will be an article on using mohair in decoration. The Little Portfolio will contain its usual quota of good interiors. Jane Teller Robinson will write on Colonial lighting fixtures and Miss Peyser on the new cooking utensils.

Three houses will be shown, houses of quite different types and sizes. Frederic Houston will begin a new building series, starting in October at the foundation.

It will be a lively issue, packed with practical suggestions for those who garden or decorate or plan to build.



WITH our ever present problem of housing shortage and the consequent necessity for building quickly, we have difficulty at times in avoiding the temptation to build not too well. On the whole, no other country is building houses so architecturally excellent as ours; and it would be a pity if our leadership in this respect were to suffer because this excellence was only skin deep. Building for permanence should be an ideal as firm as building for beauty. People come from Europe with the impression that only in a age of leisure could have produced such sturdy homes as those which still stand there, as useful as ever after centuries. But leisureliness in building is not an essential to permanence. There was little of that in the building of our Colonial homes, that are as sound today as they were two hundred years ago. There is no reason, other than our growing impatience at waiting for proper seasoning, why even our modern frame houses shouldn't last as well as the frame houses of the 18th Century. The prime ingredient of permanence is good workmanship and honest materials; building for the things which can't be seen as well as for those which are visible.

ON THE OLD NEW ENGLAND TRAIL (in the manner of Robert W. Service)

I

Take all yer mountains dizzy,
Yer plains an' yer Deadwood Mail;
Give me a battered lizzie,
An' the old New England trail,
Whar an hour goes by like a minute
An' the months bile down into weeks,
An' yer hair stands up like a fightin' pup
When yer see the sign, "Antiques."

For it's there, pardner, there, where the ol'
Windsor chair
Jes' reaches out an' grabs yer as yer pass,
An' you'd sell yer livin' soul fer a tea-pot
what was whole
Or swap it fer a piece 'er Sandwich-glass.
Yes, you'd sign away yer swag fer a liddle beaded-bag
Or swap it fer a piece er Sandwich-glass.

II

Trot along, pal, with yer cow-boys,
An' yer ropes an' yer cattle-sheds;
Give me the Land of the Low-boys,
An' the ol' four-poster beds,
Whar the signs reach out and get yer,
An' drag yer out 'er yer seat,
An' yer heart is raw when yer feel the claw
Of a table with Spanish feet.

For it's there, pardner, there, where the ol'
brace-backed chair
Jes' reaches out an' fetches yer a clip,
An' you'd swipe yer bunkie's roll fer a flip-
glass what was whole.
Or kill him fer a decent clipper-ship;
Yes, you'd fill him full 'er lead fer a curly-
maple bed
Or kill him fer a decent clipper-ship.

GEORGE S. CHAPPELL



THE furniture and decorations in the living rooms of the Ideal Smaller Homes in this issue were selected by Miss Margaret McElroy and Mrs. Winifred Bream of the HOUSE & GARDEN and Vogue Decorations Departments, respectively.



SINCE flowers are loved by people in all lands, it is only natural that this interest should bind together people of differing nationalities. In the publications of the Garden Club of America you find the names of famous gardens in England and on the Continent to which American visitors are welcome. In our own garden is growing a fine stand of Campanula Telham Beauty—delicate blues and mauves—raised from seed sent us by the Duchess of Wellington. In the gardens of the Royal Horticultural Society at Wisley are growing a collection of fifty varieties of Peonies contributed by Mrs. Edward Harding, who has done so much for Peony culture both in this country and abroad. Thus the love of flowers is accomplishing what diplomats cannot. Let us maintain this *entente cordiale* of garden lovers!



THIS month we suggest to HOUSE & GARDEN readers "The Romance of Plant Hunting," by Captain F. Kingdon Ward. A plant explorer of renown, Captain Ward's happy hunting ground is Yunnan and Szechwan, which lies above French Indo-China, a wild country of valleys where no men come, where whole mountainsides are covered with Rhododendrons, where Primulas grow in amazing abundance and variety, where Iris carpets the meadows. Like our own "Chinese" Wilson, he has brought back for the glory of our gardens many new things, things found at great price of danger, exhaustion, patience and scholarly understanding. Whether you are a plant lover or just a lover of travel this book will appeal to you, for it is written brilliantly and with great vision. What Captain Ward has to say of plant introductions, of how he and his fellows go about their work and the eventual service they render our gardens, constitutes a valuable contribution to garden lore. We can heartily recommend this book for a place on your garden library shelves.



SOME new names are found among the contributors to this issue. Trainor & Facio are architects practising in New York. Darragh Aldrich is a Minneapolis architect and Frederick Houston a New York architect. Weymer Mills, a collector and authority on decoration, lives in London.

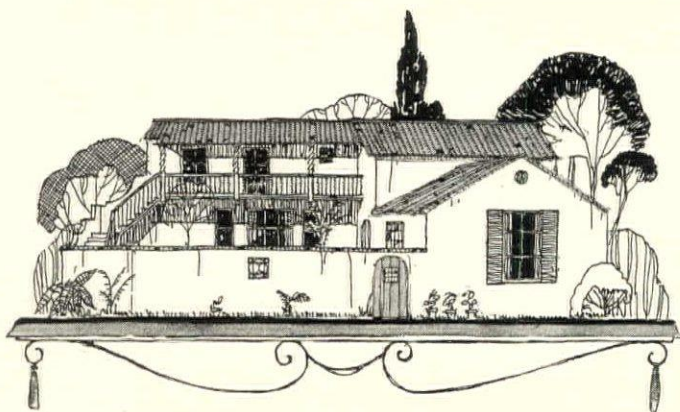


M. E. Hewitt

ALONG A SPRING PATH

In the autumn the wise gardener prepares for spring. So was this garden made, this path bordered by yellow Tulips and Pansies and pale blue dwarf Iris. On the terraces Peonies

are budding, with Japanese Iris, Phlox, Gladioli, fall Anemones and Chrysanthemums to follow. The path leads to a wild garden on the estate of Walter Douglas, Chauncey, N. Y.



FOUR IDEAL SMALLER LIVING ROOMS

The Furnishings for These Interiors are Both Practical and in Keeping With the Distinguished Character of the Houses

THE four Ideal Smaller Homes shown in the July issue of *HOUSE & GARDEN* illustrated in the most convincing manner that it is possible to have real distinction and a certain elegance in a moderately small house. We too often associate the word elegance with something imposing and expensive, whereas in reality it is just as possible to incorporate this quality into a small house as in one of vaster dimensions. For elegance signifies grace, and has nothing to do with ostentatiousness. The simplest room can be elegant if the furnishings are in exquisite taste and away from the stereotyped.

In furnishing the four living rooms we sought to retain the same atmosphere of distinction and elegance that characterized each house. While there was no slavish following of periods, the furniture and decorations in each case were selected with the general architectural character of the house in mind. Thus in the house with a French flavor good copies of Louis XV and XVI furniture were chosen mixed with one or two English pieces alike in feeling. In fact much of the furniture used in the house designed by Mr. Gilchrist, the house with a slight Georgian feeling, could readily be used in the French house, so alike in general characteristics are English pieces of the 18th Century to those of the Louis XVth and XVI eras. In the same manner some of the pieces used in the English house are interchangeable with those of the Spanish house, for the furniture

This is the fourth article in the Ideal Smaller Homes series. In June four typical plots were described and in July four houses specially designed for these sites were shown. In August kitchens were planned, and here will be found suggestions for furnishing and decorating the four living rooms.

of Tudor and Jacobean England has much of the sturdy quality if not all the grace of Spanish pieces of the same date.

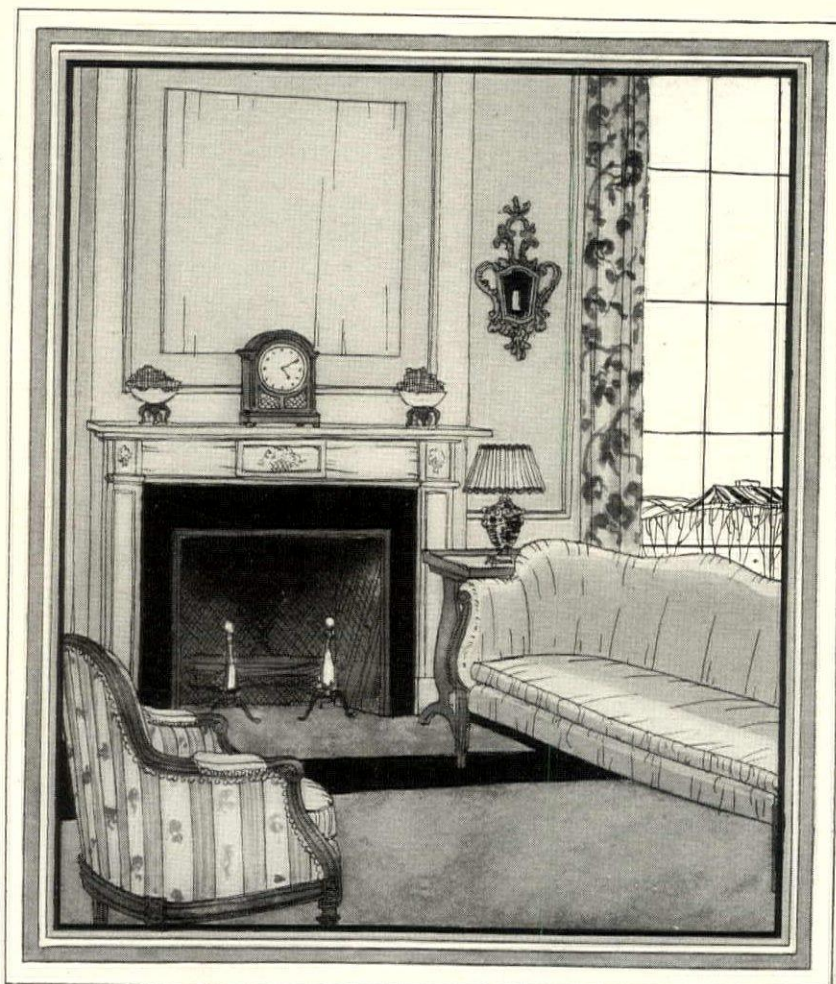
It is one thing to be given carte blanche to furnish a house but quite another matter

when the decorations and furniture have to come within a prescribed sum. In place of merely going to a reliable dealer and purchasing lovely old pieces of furniture of the desired period, the woman who is forced to consider the cost of things must hunt for good reproductions in the open market. Excellent copies of authentic styles are being made today and it is possible to create a charming and distinctive room with the modern reproductions now available. But this means endless searching, much time wasted and frequently compromises. To obviate all this, *HOUSE & GARDEN* has selected all the furnishings for the four living rooms of the Ideal Smaller Homes

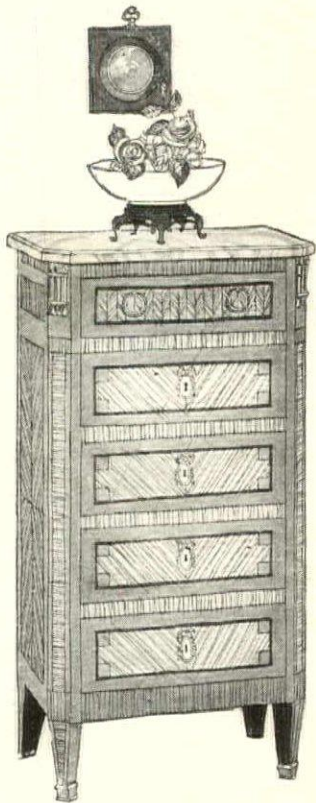
Series. No antiques have been used and only such pieces as could be readily supplied were considered. In every instance the New York retail price is given. In addition to the furniture, the curtain fabrics and the rugs for each room are shown, with their respective prices.

\$6000 was the sum allowed to furnish each of these houses. We feel that it is possible to furnish a house of this size not only adequately but distinctively on this sum. Of this amount, \$1750 was allotted to the living room. In all cases the final estimate is under this.

This series will be continued in the October issue when the four dining rooms will be done.



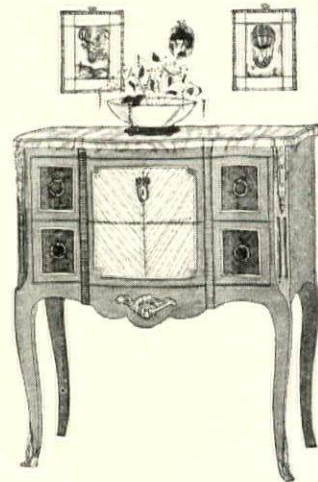
Illustrating the fact that no set period of decoration was followed in any of the houses, the sketch shows objects from each living room successfully combined in one interior.



This tall chest of drawers is inlaid with vari-colored wood paneling. The top is of tan colored marble and the mountings are of antiqued bronze



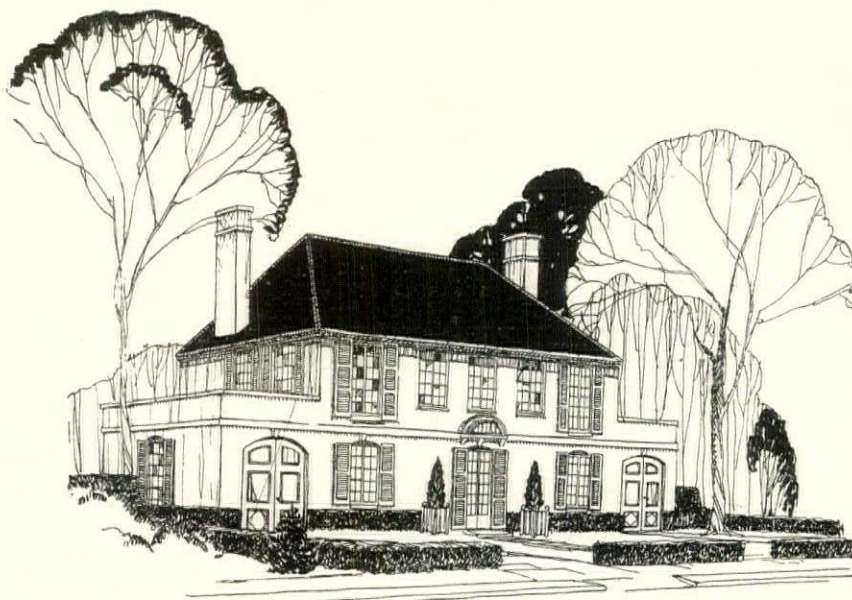
French table desk of natural finished walnut. Amethyst glass lamp with bronze mountings and tan georgette shade. Side chair with rattan back and seat



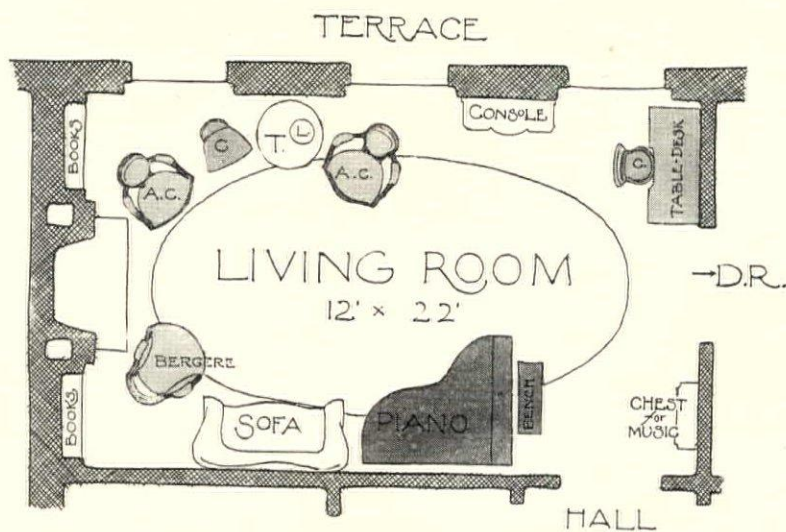
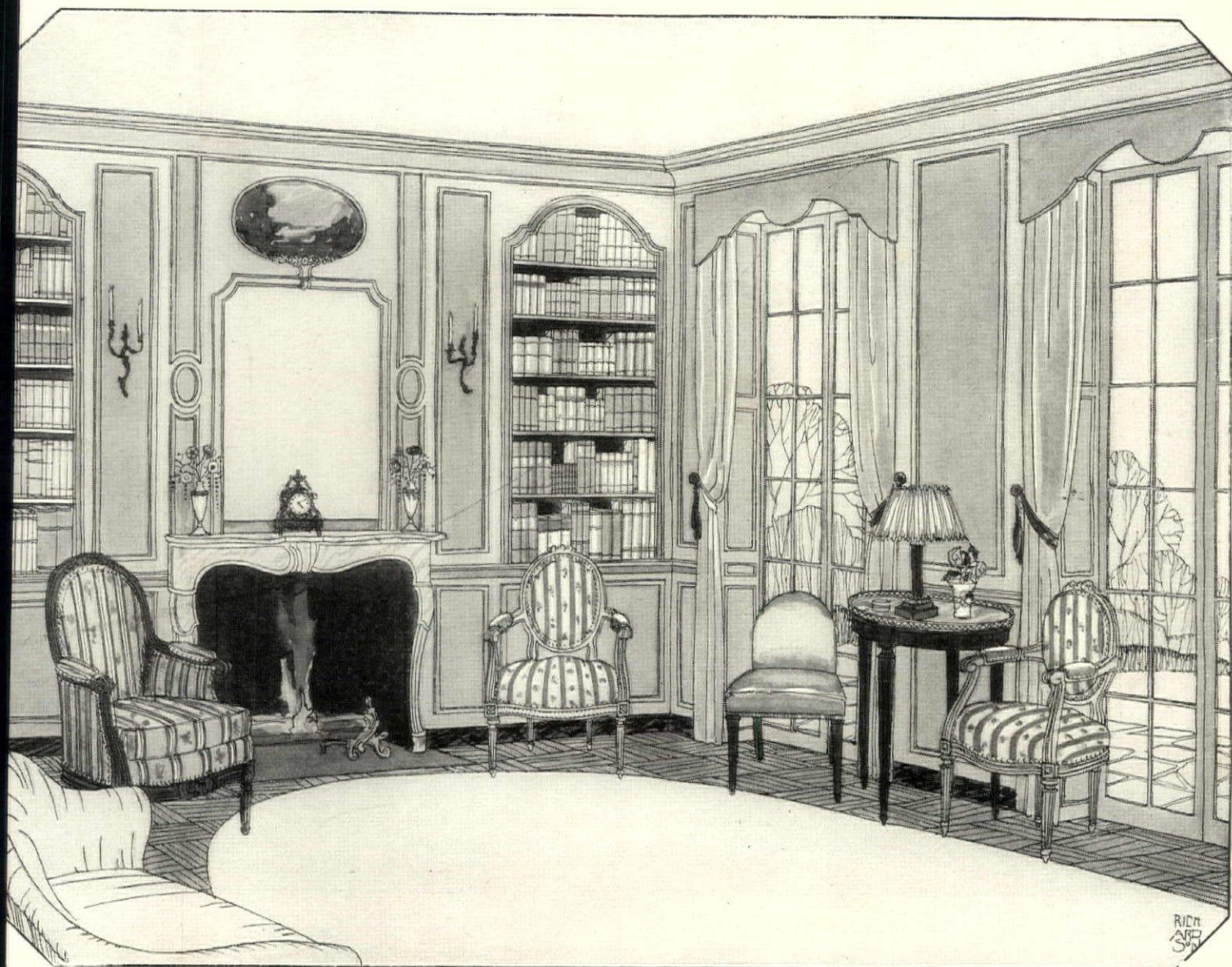
Commode with inlaid vari-colored wood panels. The top is of a variegated colored marble and the mountings are of antiqued bronze



Reproduction of a Sheraton sofa covered in chintz with a prune ground. The frame is mahogany in a dull finish. The seat is a loose slip cushion



Exterior of the French house, showing the typical window treatment and the formal arrangement of the clipped hedge and shrubs



The wall treatment, the windows opening directly on to the flagged terrace overlooking the garden, are all typically French in feeling and in detail

Ground plan of room, which shows that the placing of the furniture was influenced by structural requirements and convenience of living

THE living room of the small French house combines in true Gallic fashion both simplicity and charm.

The walls, of smooth plaster, are painted a soft grayish green. The wooden mouldings put on to form panels are picked out in pale yellow. The ceiling is a deep cream. The coved cornice is painted the same color as the walls to give more apparent height to the room. The interiors of the built-in bookcases are painted a dark green to give a

note of interest and to display the books to better advantage. The oak parquet floor is stained a dark brown and waxed.

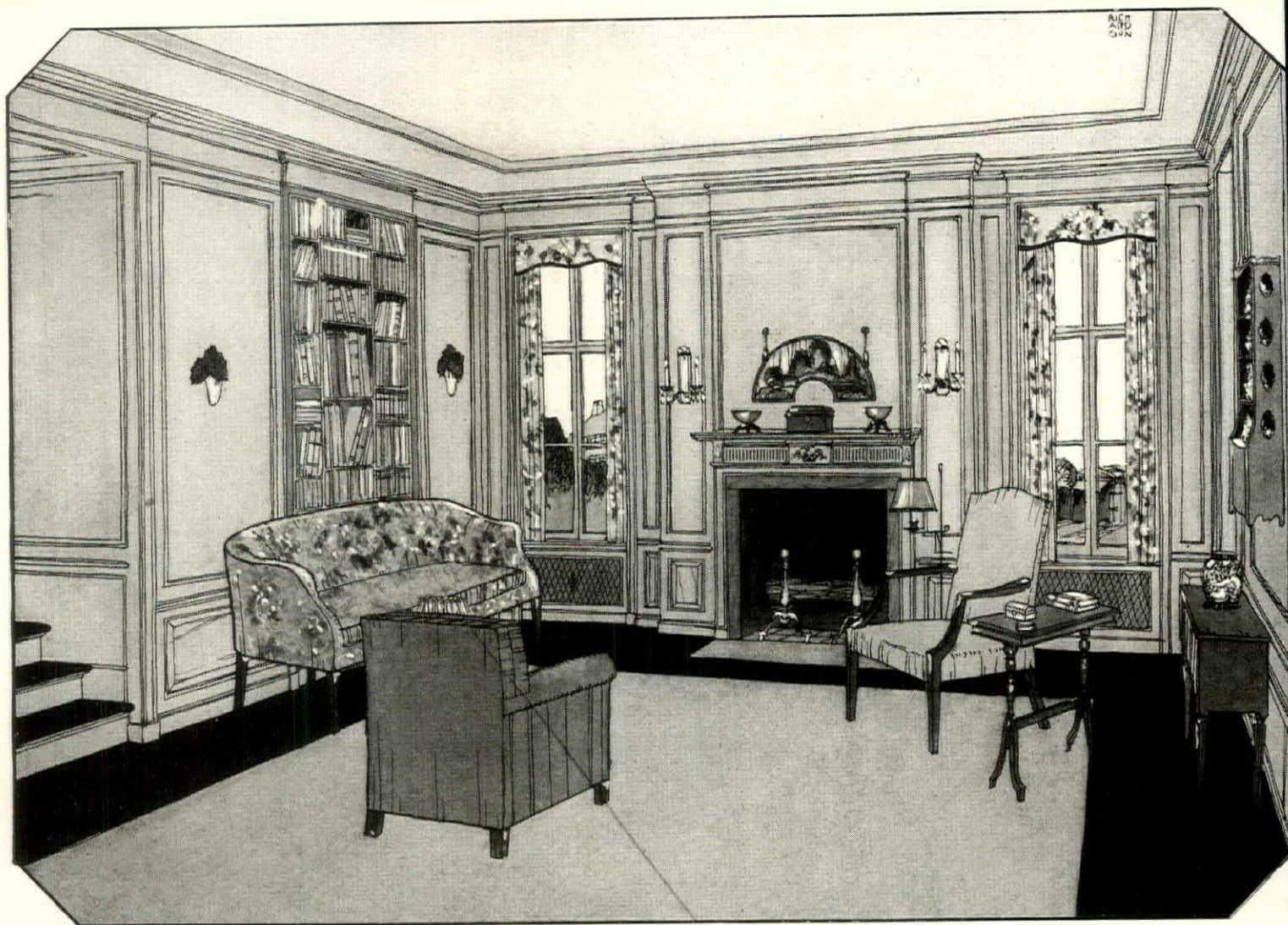
The mantel is a modern reproduction of white marble with yellow veining. The fireplace lining is of black iron or of blackened soapstone. The mirror over the mantelpiece is mounted flush with the wall with narrow wooden mouldings corresponding to the wall treatment.

The rug, a greenish gray wide loom

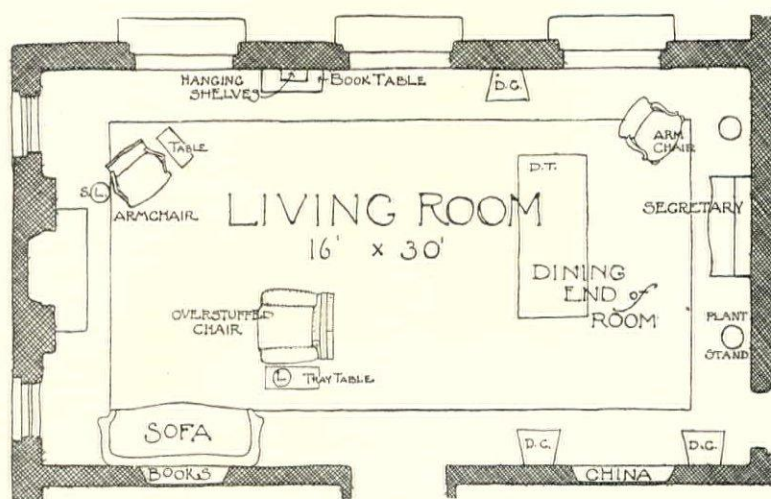
carpeting, is cut in oval form and bound with self-colored braid.

The curtains are of a heavy yellow satin surfaced sun-fast fabric and are finished with a narrow binding in ashes of roses color. The formal valance repeats this scheme and the tie backs are bands of old needlepoint or cross stitch in dull rich coloring, bound with narrow folds of the yellow and rose.

(Continued on page 142)



The fireplace end of the room in the sketch above shows an attractive and livable grouping of furniture. The built-in bookcase is balanced at the other end of the room by a china closet



The plan shows the dining end of the room which is furnished with living room pieces. An effective group consisting of a mahogany secretary and two plant stands occupies the end wall

BECAUSE the house designed by Mr. Gilchrist has something of a Georgian flavor, most of the furniture in the living room is mahogany of 18th Century English inspiration. Mixed with this is a small French occasional table in walnut, a painted book table and a pair of slender painted plant stands. The introduction of these painted pieces brings a nice note of color and is quite in keeping with this type of decoration.

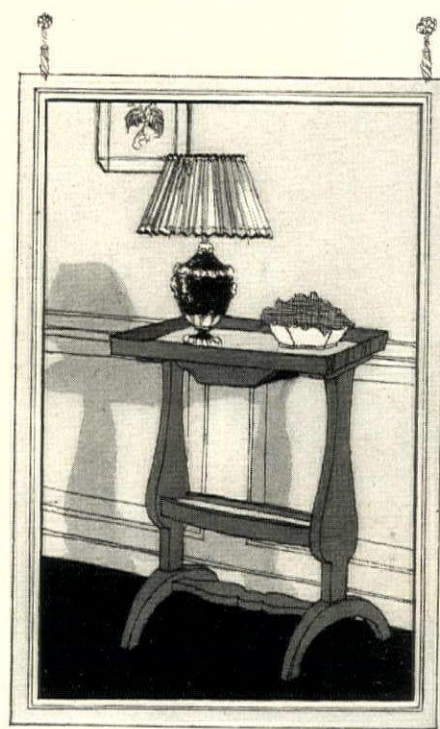
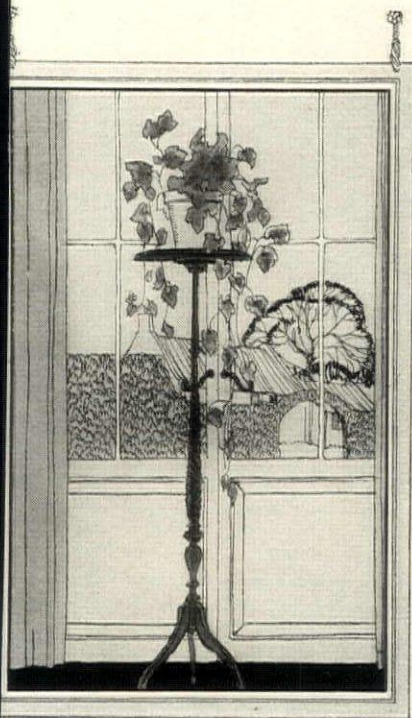
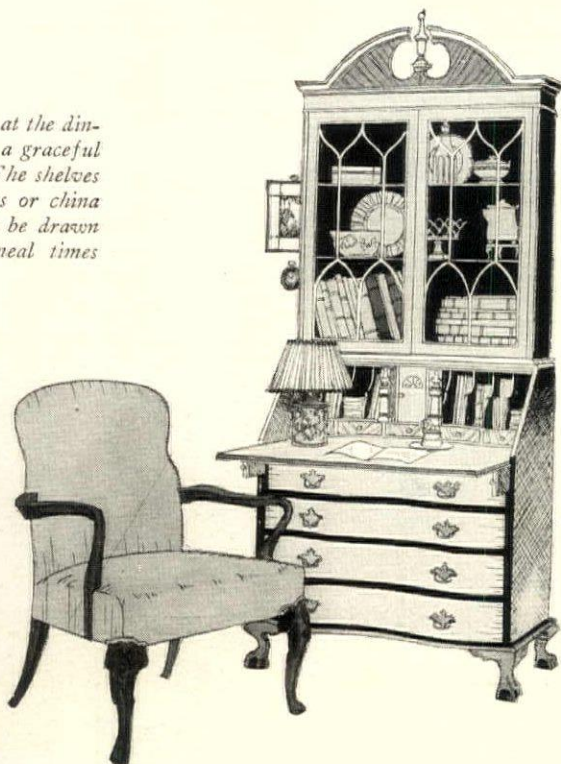
The problem in furnishing this room was to retain an aspect of graceful formality, characteristic of interiors of the Georgian era, in spite of the fact that one end had to serve as a dining room. To keep the ap-

pearance of a living room except at actual meal times no typical dining room furniture was used. The mahogany drop leaf table when not in use for meals becomes a commodious living room table, set with a lamp, books, magazines, etc. The secretary at the end of the room is equally at home in a living room or dining room and the graceful Heppelwhite chairs (to be shown in the October issue) are attractive additions to any interior. Only the open shelves suggest the dining room but even this feature is not out of place and if filled with choice bits of china and an occasional silver piece adds immensely to the decorative effect of this portion of the room.

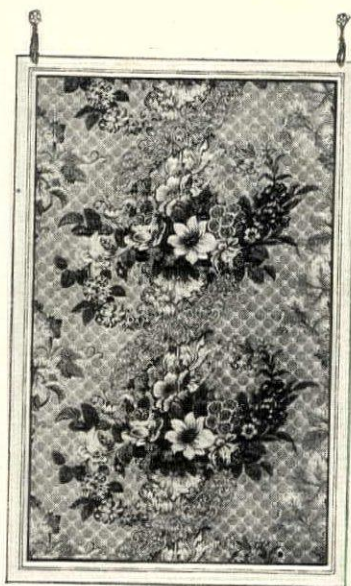
The unusual and lovely color scheme chosen for this interior was inspired by the curtain fabric—a semi-glazed chintz with a salmon pink ground and a graceful old-fashioned flower design in henna, mauve, beige and a little hydrangea blue. The paneled walls are painted the same hydrangea blue of the flowers in the chintz with a darker tone rubbed into the grooves of the moldings to take away from the flat look of plain painted surfaces. The color contrast of the salmon ground of the curtains against the pale, hydrangea blue of the walls is one of the most attractive things about the room.

(Continued on page 138)

In the long wall space at the dining end of the room is a graceful mahogany secretary. The shelves may be used for books or china and the arm chair can be drawn up to the table at meal times



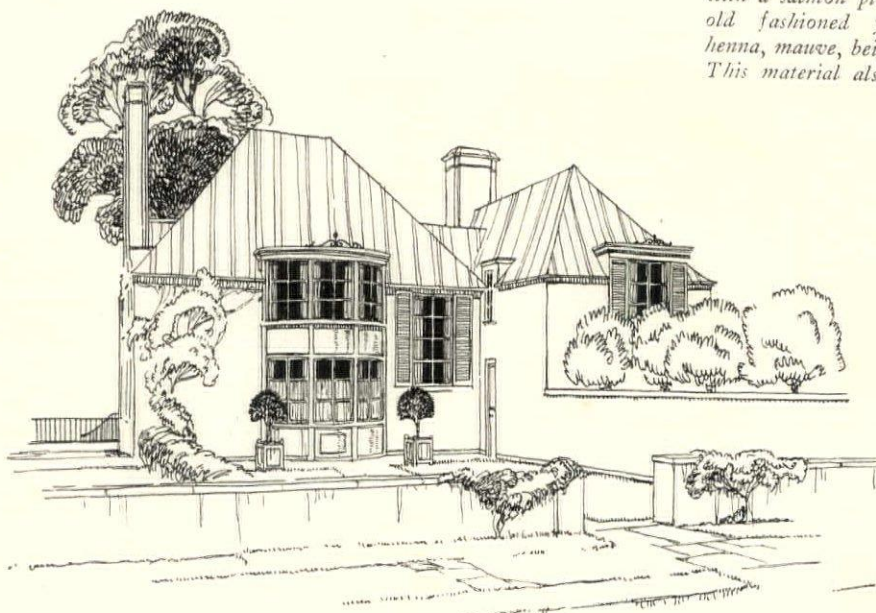
Slender plant stands, painted bluish-green to match the small book table at the right of the fireplace, are used on either side of the secretary at the dining room end



The small occasional tray table above is walnut and the lamp is plum colored pottery with a shade of pleated yellow book linen. This is placed between the sofa and chair

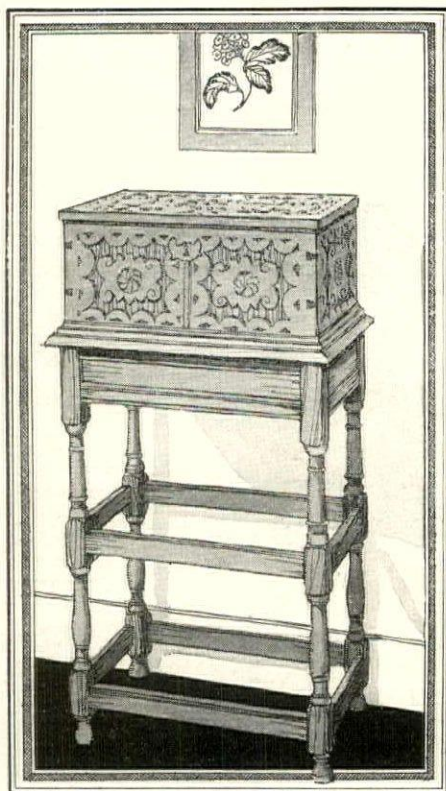
The fabric used for the hangings in this room is a semi-glazed chintz with a salmon pink ground and an old fashioned flower design in henna, mauve, beige and hydrangea. This material also covers the sofa

The bay window extending through two stories is an interesting feature of the front of this house designed by Edmund B. Gilchrist. To this is set the front door and above is a tiny boudoir





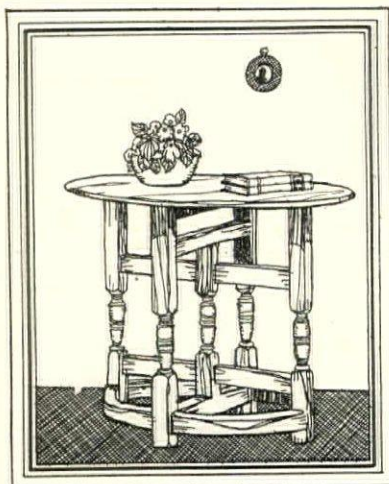
Carved and antiqued oak side chair. The back and seat are covered in a dull blue and tan antiqued brocade, edged with a corresponding colored silk fringe



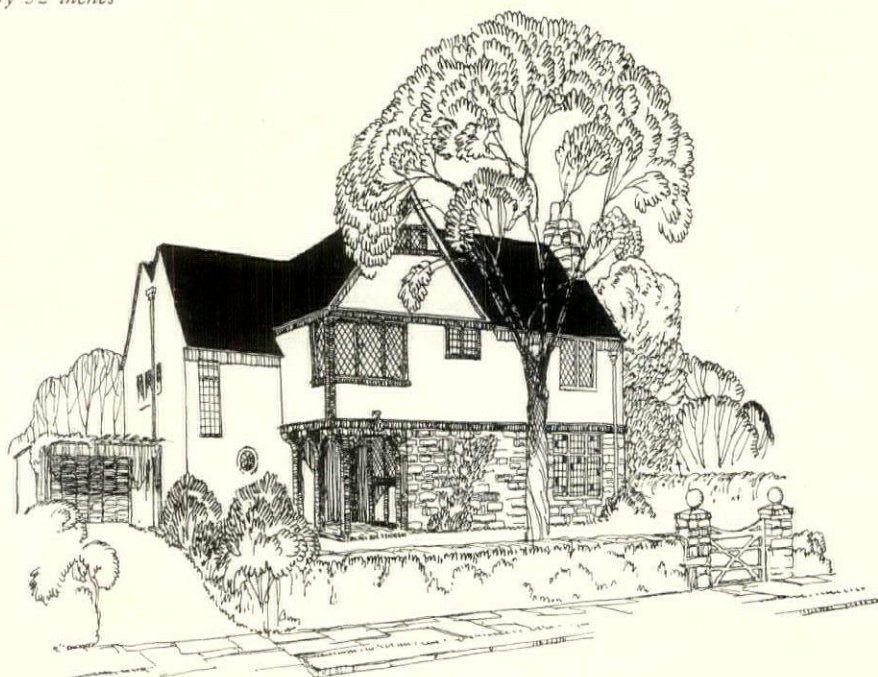
The carved oak chest at the left is mounted on a turned oak trestle. The wood has been antiqued and has a wax finish. This could be converted into a radio cabinet



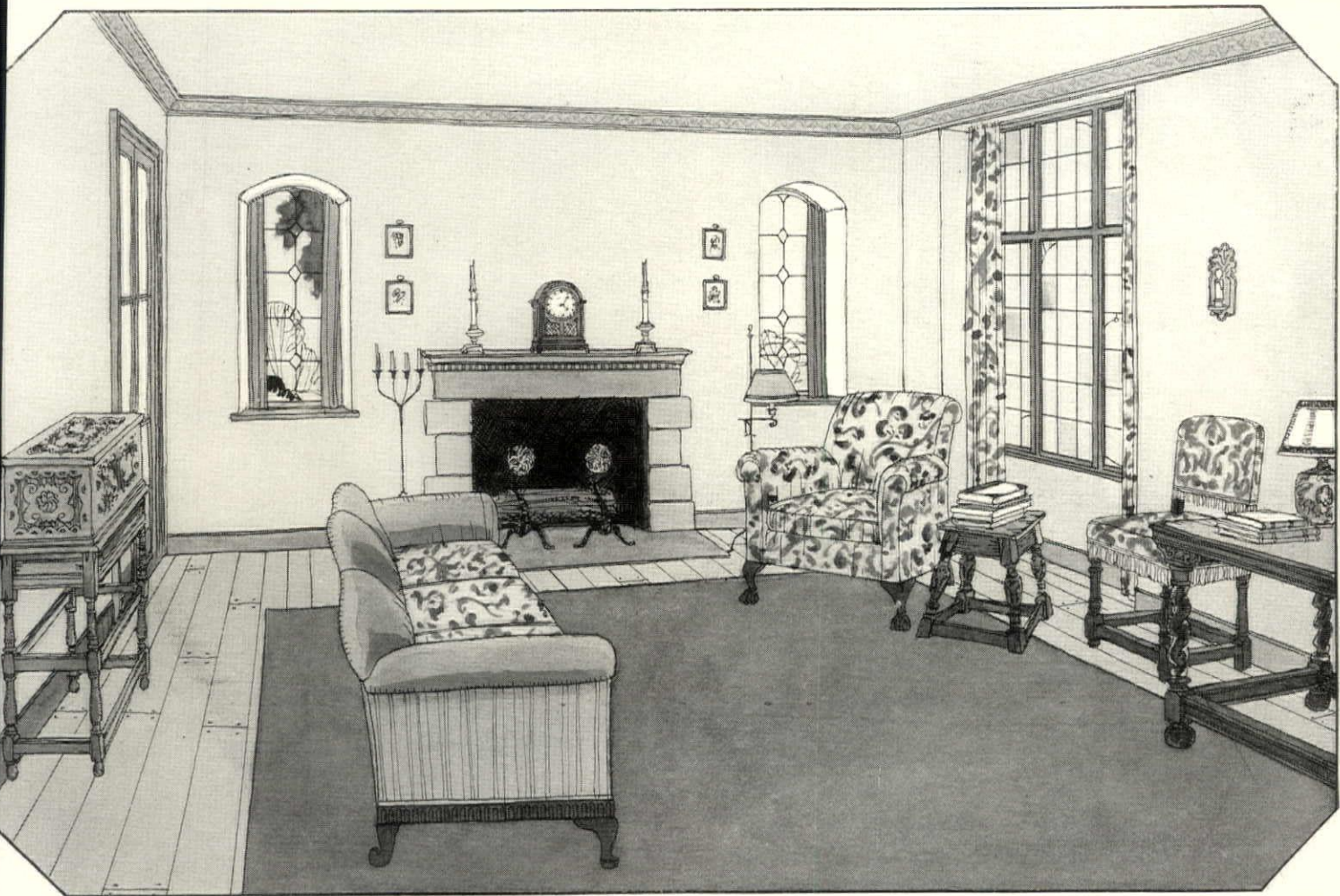
Italian credenza of walnut in antique finish. The wooden handles are elaborately turned, as are the heavy moldings on the base and the panels on the front and sides



The small occasional table above is oak with turned legs and stretchers. The finish is a dark antique brown. Size of top 20 inches by 32 inches



The furnishings of the living room of the house designed by Howell & Thomas are in keeping with the sturdy English character of the exterior



The small paned leaded glass windows set in plaster recesses, the leaded glass windows set in oak frames, the oak cornice, baseboard and flooring are noteworthy features of this room



Heavy jute fabric printed in Jacobean design in rich reds, yellows, blues and greens on a natural colored background. This material makes the curtains and chair coverings

THE English room reflects the sturdiness and ease of living so inseparable with oak furniture.

The walls are of hand-finished plaster, which has been glazed with sepia. The ceiling is slightly lighter in tone. The cornice, baseboards and window trims are of oak, antiqued and waxed. The floor is stained a reddish brown and waxed. The carpet is a wide loom in tête de nègre color. The mantel is of antiqued oak, with carved moldings. Dull yellowish stone blocks form the sides. The fireback is of iron with a heavily embossed design. The andirons are headed with large pierced brass disks.

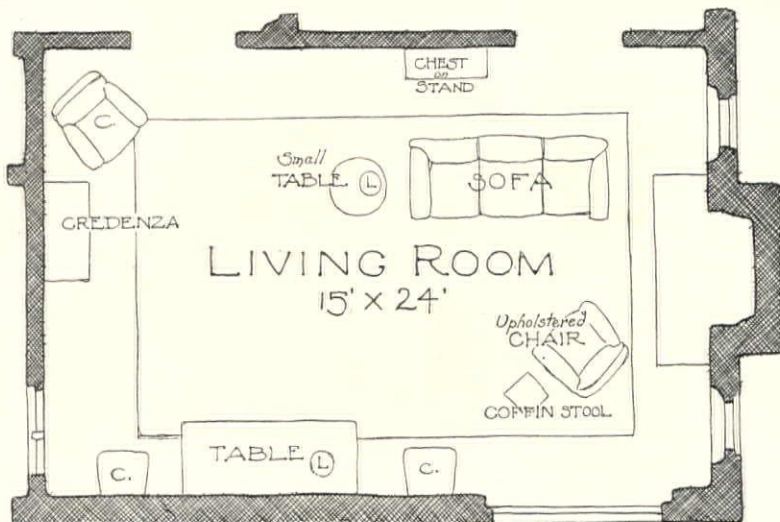
Roomy arm chairs are covered in a heavy jute fabric printed in an authentic Jacobean design in reds, yellows, greens and blues on a natural

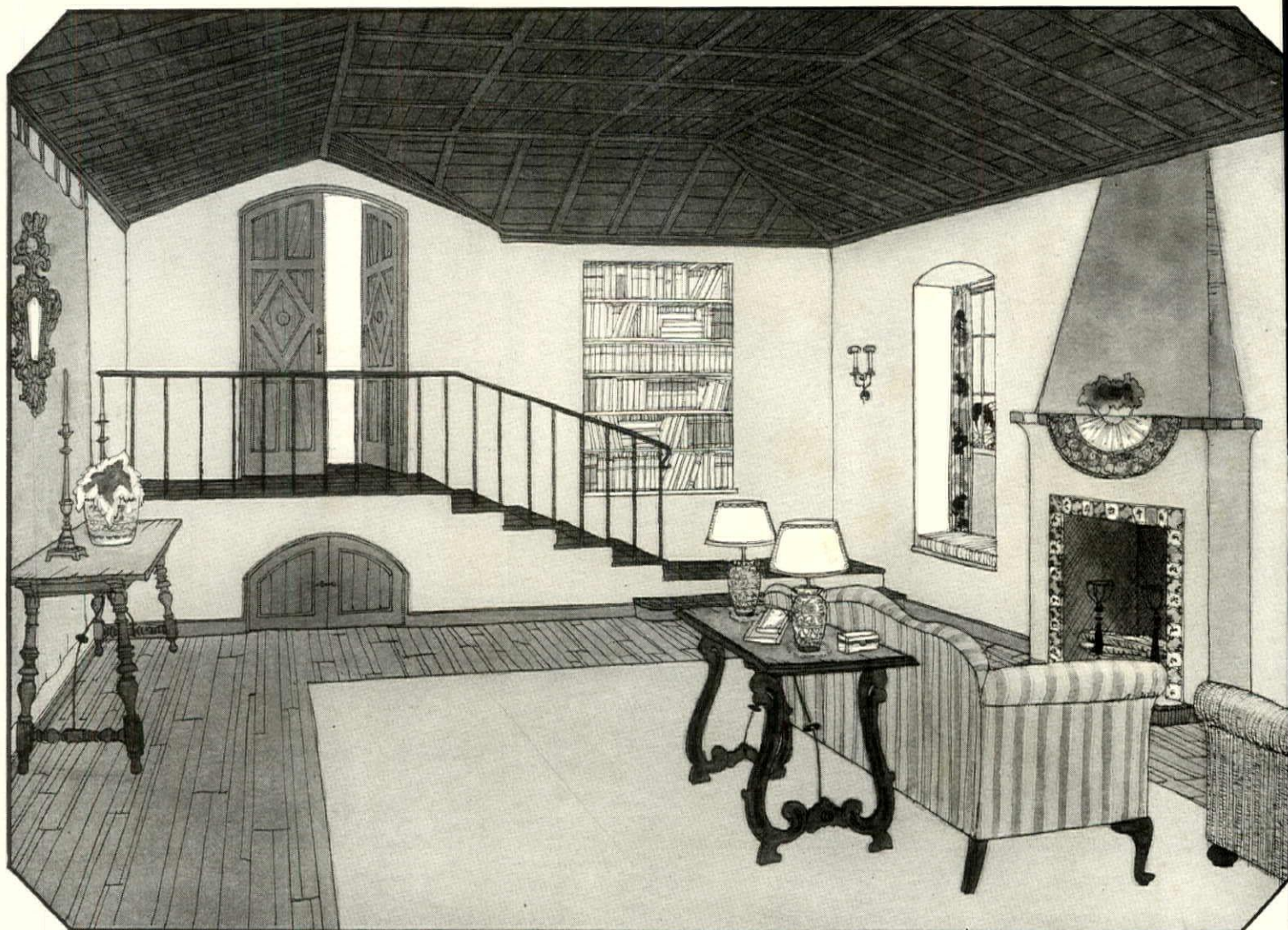
The placing of the furniture was influenced by deference to wall space, lighting facilities and ease and sociability of living

colored background. The side chairs are of oak and are covered on back and seat with a dull blue brocade. The oak stand and small oval table are conveniently placed to hold books and smoking articles and the after dinner coffee. The large oak table and credenza give interest to and break the wall expanse. Old Persian or Chinese pottery jars are made into lamps and placed at either end of the table. Their shades are of parchment stained a reddish tan with blue bands. Care should be taken that the metal mounts are heavily oxidized.

The couch is upholstered in a crimson sunfast jasper fabric. The loose slip cushions are of the same fabric as the chair coverings. The lighting fixtures are of silver plated oxidized metal with two-inch candle sockets, wired for electricity. These electric candles may be taken out and two-inch beeswax candles substituted, if one prefers a more mellow lighting.

(Continued on page 138)





Simplicity and an absence of all unnecessary furniture are characteristics of Spanish interiors. This austerity is more than offset by brilliant wall hangings, beautiful carving and intricate wrought iron work

The lamps used in the living room above are made of Spanish pottery jars in vivid blue, yellow, copper and black. The parchment shades are copper colored with decorations in blue and yellow at the top and bottom

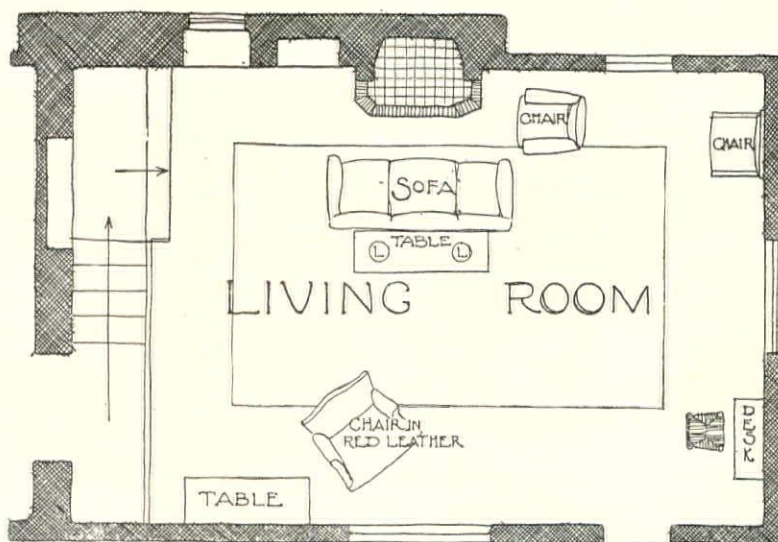


FINDING suitable furniture for the house designed by Johnson, Kaufmann and Coate was a comparatively simple matter, for the wide interest in Spanish decoration today has resulted in some remarkably good reproductions of Spanish furniture of the 16th and 17th Centuries. While it was thought advisable to keep pretty much to Spanish types in this house on account of the character of the architecture, there was no strict adherence to period, and in several instances furniture of other countries was introduced. Some of the pieces in the living room such as the two tables and desk are frankly Spanish in design, but the arm chair by the window is Italian, the gilt mirror over the table at the left of the stairway Venetian, and the comfortable overstuffed sofa and chair decidedly modern. The Italian pieces, however, are quite in character with the other fur-

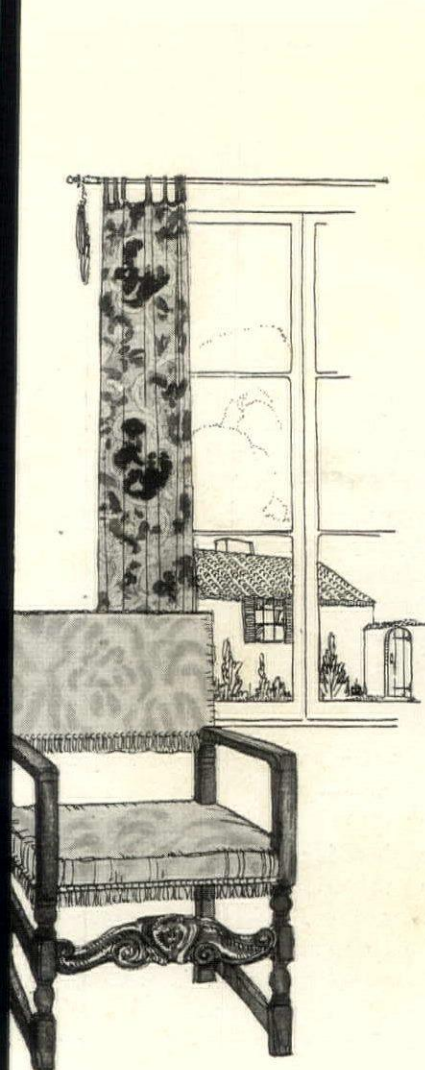
niture and the introduction of an overstuffed sofa and chair was a concession to modern ideas of comfort.

As can be readily seen in the plan and in the sketch at the top of the page there is not a great amount of wall space in this room owing to the stairway, wide windows, fireplace and door. For this reason the sofa and long table were placed in front of the fireplace as this seemed the most logical spot for them, and the smaller pieces such as the three-foot table, desk and arm chair in the available wall spaces. This arrangement gives a sense of space and although the room may look a trifle bare and underfurnished, there is in reality

(Continued on page 140)



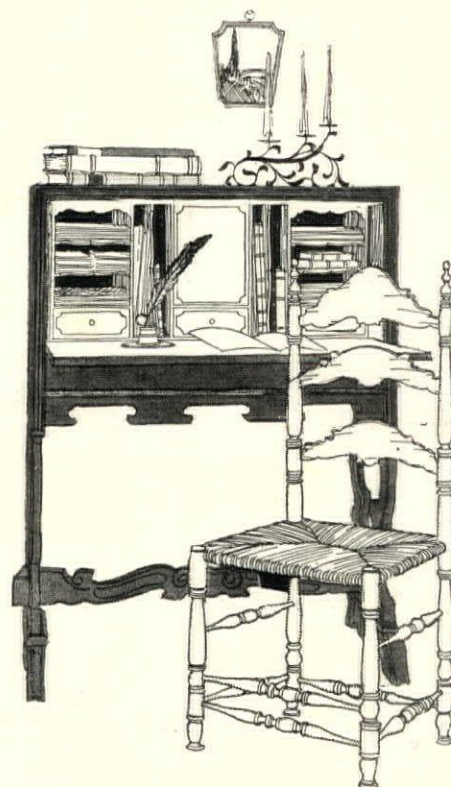
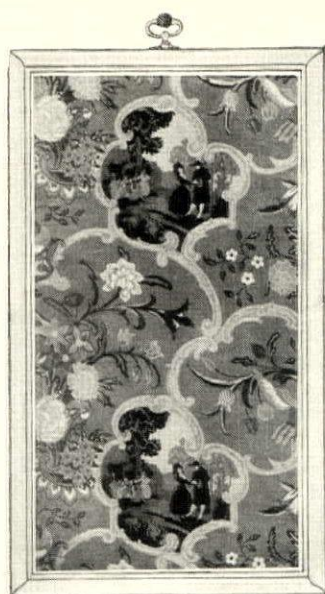
The furniture is arranged so as to give a sense of space. By placing most of the pieces near the wall the center of the room is left free



Although the chair above is Italian it is in perfect accord with the other furnishings. It is walnut, covered in green and gold Fortuny print

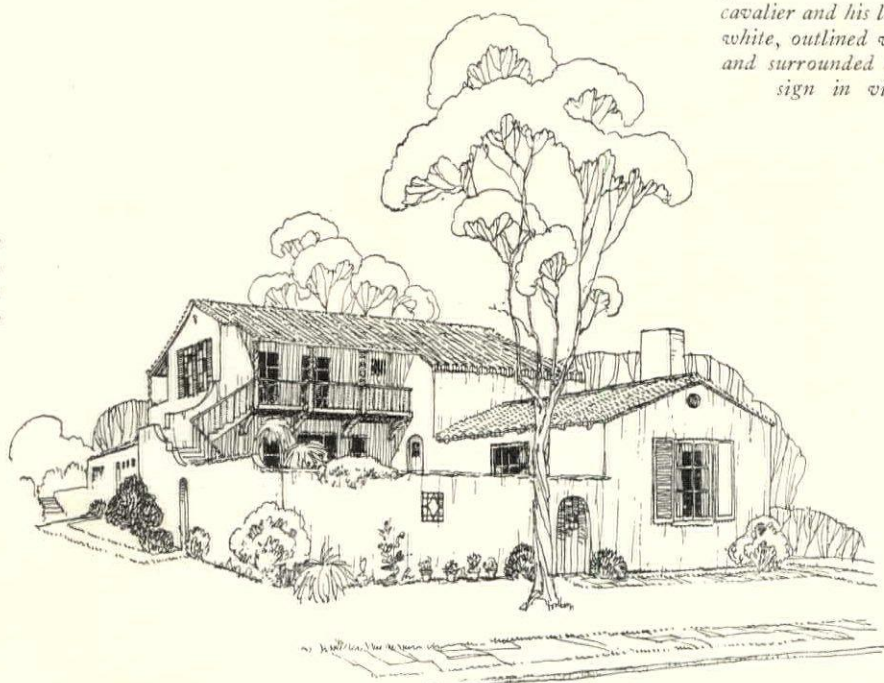


A green and gold printed cotton material, an excellent reproduction of old damask, is used to make the wall hanging. It is bound with gold galloon



A small walnut desk, Spanish in design, is placed at the right of the large window. The ladder back chair of brown mahogany has a rush seat

This sketch of the Spanish house designed by Johnson, Kaufmann & Coate shows the living room on a lower level than the rest of the house



The material used for the window hangings in this room is a hand-blocked linen with a green ground and a scene of a Spanish cavalier and his lady in black and white, outlined with gold scrolls and surrounded by a flower design in vivid colors

THE PASSING OF THE VILLAGE GREEN

*The Beauty and Traditional Character of the Common
Should Not be Sacrificed to Misguided Progress*

WHENEVER men have congregated to build towns they almost invariably have left in the heart of the town an open space. In the beginning this usually marked the crossing of the main roads or streets, or those streets encircled this open space so that from end to end it was unbroken save by paths and planting. Here trees were set out in orderly rows and broad stretches of lawn and flower beds maintained and the initial attempts made at municipal landscaping. Although in time there may have developed other and more desirable sections of town, still this open space held its prestige as the center of the town's life. The buildings that fringed its broad acreage were occupied by those who were prominent in the town's life—prominent because they achieved means and position or because they governed.

And thus you find this open space almost everywhere. In Latin American countries the plaza is still the palpitating center of the town's life. At one end the church, at the other the municipal building and gendarmerie, with the better homes and shops ranged down each side. To this plaza come the farmers on market days with their garden trucks; here are held public meetings; here the people sit out under the star-spangled nights; here the band plays for their delectation.

In this country our ancestors built their towns in precisely the same fashion. Whether you choose a Pennsylvania-Dutch village or a Quaker settlement or the old sleepy towns of cavalier Maryland or the Puritan villages of New England, in all of them you find this open space the center of the village life. It goes by various names—the square, the park, the green, the common, but in each town it has served the same purpose—to be the center for those interests on which the security of the town's future depends. Here you find the church, the town hall, the school, the library, the hotel, the better shops, the homes of the well-to-do and substantial citizens.

If a foreigner were to ask on what foundations this country is built you need only lead him to some New England village green. In each building that fringes it he will read his answer—the church that represents the people's dependence on God; the town hall that epitomizes the manner in which they govern themselves; the school that is training future generations of citizens; the library where education can be had for the reading; the hotel in which strangers find hospitality; the shops in which trade is kept alive; the better houses where the standards of American home life are maintained.

THIS sounds like a trip to Utopia, and would be were it not for the fact that you still can find such towns and such village greens and commons scattered up and down this land. But how long you will find them depends upon the vision and local pride of the citizens in each town. For the village green is passing. Take a motor trip along the Atlantic seaboard and you will realize in the towns you ride through that the character of the village green as the center of the town's life is undergoing a change,—a change that is not for the best.

It is natural that, as a town grows up to the stature of a city, its interests become scattered. There are developed other and more desirable sections for homes, other centers of municipal and mercantile endeavor. But this does not apply to the small village in

rural sections, and sadly enough, it is these small villages that are gradually losing the character of their greens and commons.

Here, for example, is a tree-bordered common circled by wide streets and enclosed by those homes and buildings we have just mentioned. There is an air of age about this spot. Its trees, lawns, its buildings all epitomize tradition. They have a character and an atmosphere that belong to the past. Into this dignity, into this serenity plunged a blatant public garage. Now that garage could be just as serviceable on a side street. Why was it allowed there? For the simple reason that the town fathers have not had the enterprise and the vision to protect the character of their village green with a zoning law. They have lacked the interest or the stamina or the authority to forbid the erection of that garage. Equally offensive are the gasoline filling stations on village greens. Often their architecture—or lack of it—is wholly out of keeping with the architecture of the other buildings.

IN all parts of this country there is evident a tendency to depart from old ways, to forget the original purpose and service of our national foundations. Our statute books have become a dumping ground for every kind of queer and uncouth law that may enter the consciousness of a misled legislator. The Constitution has been so amended that we are more intent on enforcing technical amendments than on carrying out the spirit and letter of the original document. The excuse and justification given for this sort of thing is that we must progress.

In the name of Progress many lamentable evils are being perpetrated against the people and against those who will come along in other generations. Only a few months ago, for example, Central Park in New York City was threatened by those who, in the name of Progress, would snatch some of its precious acreage for a music and art center. This was prevented only by the vigorous protest of citizens who appreciated the original purpose of Central Park. Had New York forgotten this original purpose every city in the land could have cited it as a precedent for usurping its city park and common. Had the encroachment succeeded, doubtless would have been heralded as a step forward, as an act of Progress, whereas it would have been a most lamentable step backward. Whenever Progress is given as an excuse or as a justification for a radical departure the wise man and the wise town stand tight. The slogan of Progress is one of the most alluring that can be used—and one of the most deceiving.

Progress is the excuse given for the changing of our village greens. Progress has brought the automobile and the automobile necessitated the public garage, which has protruded itself on the serenity of the Colonial village common. True, Progress has brought the motor car, and the motor car does require the services of a garage, but this service should not be rendered at the price of beauty of traditional character.

Those two—beauty and traditional character—are the elements that have endeared the village green to people everywhere, and they are the fundamental principles that should be considered whenever, in the name of Progress or in any other name, an attempt is made to intrude on the village green. Beauty of trees of lawns and shrubs and flowers, traditional character in architecture, these are the two factors which must be preserved.



Mott Studios

A MOORISH GARDEN IN CALIFORNIA

This garden could hardly be more at home on the Mediterranean than it is in Hollywood, where it finds a setting as Spanish as Spain, and a climate and vegetation completely in the mood of its Moorish proto-

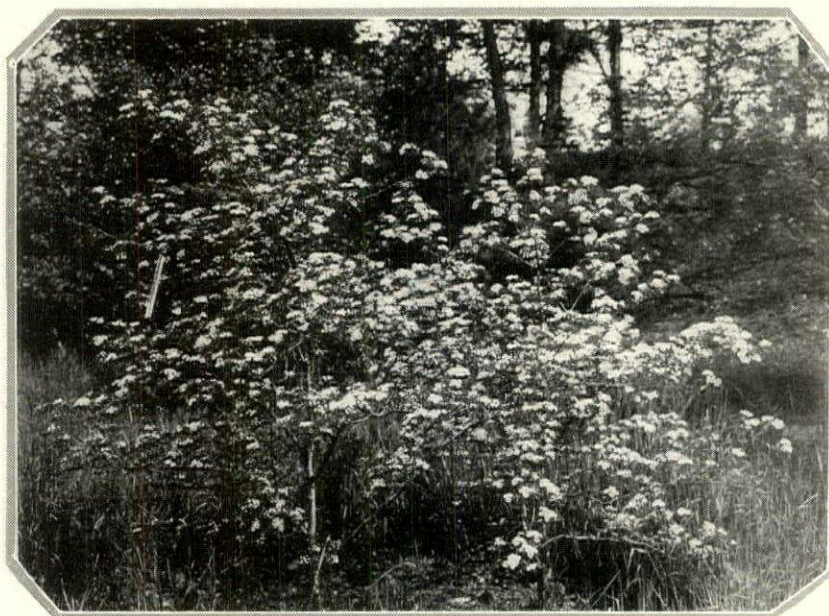
types. A cascade carries a natural stream from the hills beyond to the tile patterned fountain in the foreground. It belongs to the house of Charles Seyler, Jr. and was designed by Stiles O. Clements, architect

HAWTHORNS FOR ORNAMENTAL PLANTING

Among the Representatives of This Large Tree Family Are Many That Meet Every Requirement of Hardiness and Permanent Beauty

E. H. WILSON, V. M. H.

NORTH AMERICA has of her trees and shrubs made three contributions of tremendous import to the gardens of the world. The first of these is the group of shrubs, typified by Azalea, Kalmia and Vaccinium, and collectively grouped under the family of Ericaceæ, which are valued for their foliage, their blossoms, their ornamental fruit, or for all three. For more than a century these have been esteemed in gardens, especially those of Europe, where they have won for themselves the generic title of "American Plants". The second contribution is that of Conifers, without which gardens would be woefully incomplete and would lack some of their noblest ornaments. The third great contribution is that of Hawthorns, multitudinous in variety and of inestimable value to northern gardens, producing, as they do, flowers of snowy whiteness in abundance, and a wealth of brilliantly



Crataegus inducta is of the bush type, valuable where a low and somewhat spreading effect is desired. Its flowers are remarkably large

colored fruits from summer until fall.

The Ericaceæ and Conifers are everywhere known and play a prominent part in beautifying the gardens of Europe and North America; the Hawthorns on the contrary, strange to say, are just beginning

to win tardy recognition. For those countries where the winter climate is severe and especially for regions where the soil is impregnated with lime, no other group can furnish such a variety of plants with conspicuous flowers, handsome fruits, and brilliant autumnal leaves.

Hawthorns form the genus *Crataegus* and the variety native of eastern North America is amazing. Sargent, in volume IV of his *Silva of North America*, published in 1892, admitted 14 species of tree Hawthorns; in his new *Manual of the Trees of North America*, issued in 1921, there are enumerated 153 species. There are sceptics who smile at the number of

species recorded from America, but the problem may well be left for posterity to decide. The one indisputable fact is that the critical investigation of *Crataegus* during the past twenty-five years has brought

(Continued on page 124)



Fruit as large as a cherry and bright crimson in color ripens in mid-October on the branches of *C. arkansana*



C. macracantha is spreading in type and has the longest thorns. A hedge of it is impenetrable

The Cockspur Thorns are handsome and invaluable for hedges. The one shown here is *Crataegus gemmosa*



The rigid, zigzag branches of *Crataegus punctata*, Dotted Hawthorn, are clothed in snowy white during the blossoming season

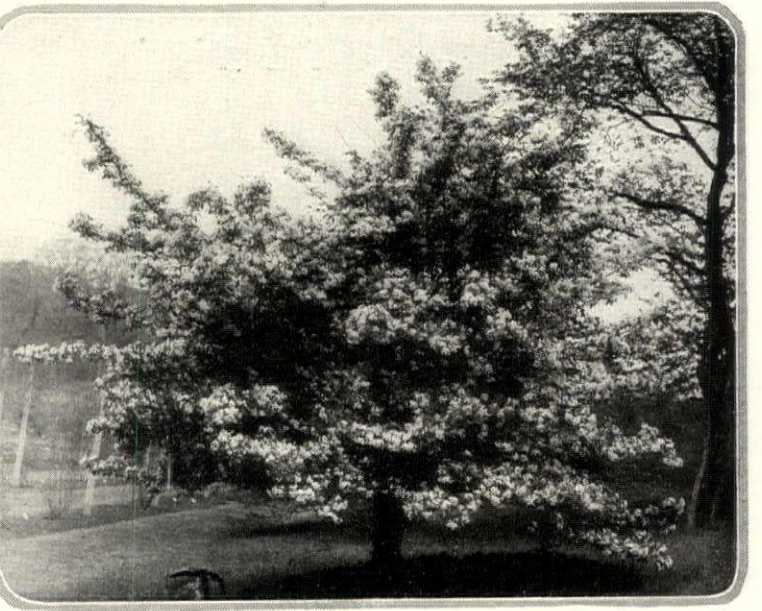


In China they have long cultivated *C. pinnatifida* because of its large crimson fruits

Among American red-fruited Hawthorns *C. arnoldiana* is the first to ripen its crop of berries

From the Rocky Mountains comes *Crataegus rivularis*, one of the largest of our species

The handsome scarlet fruits of *C. rotundifolia* follow strikingly white effective flowers



COLOR WISDOM *for the* SMALL HOUSE

*When Thoughtfully Chosen Colors Enter at one Door
All Drabness and Dulness Fly Out Through the Other*

WEYMER MILLS

"MAN wants but little here below", but one of his real needs is a dwelling place that can soothe, refresh and cheer him. The skilful use of the three color forces—blue, yellow and red—in his home decoration can enfold daily living in the mantle of harmony.

The drab house is usually a humble house. Inside, sit the chairs, tables, desks, beds and what not—the spoils of generations—things that follow people about. Some of them may have charm, but many of them haven't. Some of them have furniture friendliness and others emanate an ugly wooden curse. No one has ever tried to arrange them with thought for form or unity. Each looks as if it would never fraternize with the one beside it. Here rooms have just happened. Those who are responsible for them have lived with the idea that the approaches to art are the foes of comfort. Behind this dreary inanimate world stretch colorless walls, vague, but sinister in their vagueness. Sunlight, or the beneficent glow of night light, can do nothing for them. The house is half dead. Only color can restore its voice!

This article does not attempt to deal with the problem of unfurnishing, or furnishing a habitation. Its object is simply to aid in the application of color to places that have become colorless. When fresh and revivifying color enters sordid, careless rooms, much is bound to happen. In this wonderful period of esthetics in home decoration, when good taste comes knocking at nine doors out of ten, an invasion of color is sure to work miracles. Discords arise that have to be ended. Some glimmering of a sense of beauty awakens and cries out to be satisfied. Color kills stagnation. The owner of a drab house, who buys three pots of paint of the three primary colors, blue, yellow and red, has the equipment to start a new universe of his own.

THE little house forms about nine-tenths of the population of most cities and towns. The first floor of the average house usually contains an entrance hall, a sitting room, dining room and kitchen. In from three to five rooms millions of families spend most of their days. Above the living quarters are the rooms where one third of a man's allotted years are passed in rest. A man's house is his kingdom. Here he grows, withers and dies. The kingdom can be a place of beauty, however humble. Nothing need stifle beauty. Color is the soul of beauty.

The first steps to beauty lie in every man's path and are common property. Any man standing on any door-step where he can face old mother nature, or even catch glimpses of her trailing garments, can take his first color lesson. Imagine a world where earth, hills, mountains, water and trees are all of one color and then open one's eyes and look at color. Feel color. Concentrate on each of the three primary colors that control the whole color world. Who can look into the blue of a cloudless sky without being soothed by its engulfing hue? Who can bask in the bright sunshine of noon without feeling the hope in yellow? Who can gaze at a field of poppies without getting some of the stimulation of red?

For the small house that has no room to spare, and no spaces to take secondary colors, the owner possessing the three pigments, blue, yellow and red, can evolve simple harmonies. One secondary color, green, is needed in every cheerful dwelling place. Green made by the admixture of blue, the hand-maiden of serenity, and yellow, the current of sustaining life, makes earth's most festive covering. An earth where all green were banished would be a scene of desolation. A home where green has no part in its complement would be a place that holds no thought of summer. When winter lies outside the windows, green must dwell inside the house to help its occupants visualize coming joys. The springtime resurrection of green means more to the mind of man than any event known to the color sense.

WHEN the drab house is to be rejuvenated its owner who has procured a paint brush cannot apply his three primary colors in hap-hazard fashion. First his pigments must be carefully diluted with white. The primary colors are strong forces and he must be content to deal with them gently. It must be kept in mind that blue is a cold color and appears to recede from the eye. Yellow appears to advance. Red is a warm color and remains stationary as to distance. At night-fall blue appears lighter than it is, yellow slightly darker, and red much darker. By artificial light, blue becomes darker, yellow lighter, and red more glowing.

Striving for a harmony of primary color hues, one can make many charming color arrangements. The two color schemes that follow, one for a little house in a warm climate, and the other for a little

house in a cold climate, have each been tried out successfully. Two drab and humble houses have been turned into delightful abodes that are the wonder of their neighborhood. Should any reader of this color message decide to follow it and do away with dreary living quarters, he must remember that not only backgrounds are to be changed. Superfluous furniture must be sold or given away and unnecessary appurtenances in the way of pictures and gewgaws are to be discarded, and useless objects, retained out of sentiment, or, for this or that reason, receive banishment. The reign of simplicity must begin with the arrival of fresh paint. All necessary furniture must be re-painted as suggested. Chairs are to be re-covered in goodly inexpensive material of the colors stated. The little house in primary colors is damaged by the retention of mahogany, walnut or any natural or varnished wood. Picture frames in gilt are not to be thought of. Outside the realm of utility only growing plants and vases of cut flowers can be used with impunity.

A COLOR CHART

For the Little House in a Warm Climate

<i>Hall</i>	Pale blue walls. Pale yellow staircase. Red staircase rail.
<i>Living Room</i>	Medium yellow walls. Furniture color of hall walls. Furniture coverings medium green, binding with narrow red braid.
<i>Dining Room</i>	Pale green walls. Furniture color of hall staircase. Furniture coverings deeper yellow, binding with a narrow pale blue braid.

The bed-rooms are to have pale blue walls throughout. The furniture, medium green. The room with a sunny exposure is to have deeper blue coverings. The room without sun, pink or yellow coverings.

THE floors throughout the house are to be stained a dark green. The kitchen, if dark, is to be pale yellow—if light, a medium shade of green.

Rag or hook rugs of any pleasing color combinations can be used sparingly on the floors.

A COLOR CHART

For a Little House in a Cold Climate

<i>Hall</i>	Medium pink walls. Dark green staircase carpet. Red Staircase. Dark green hall carpet.
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(Continued on page 108)



E. E. Hewitt

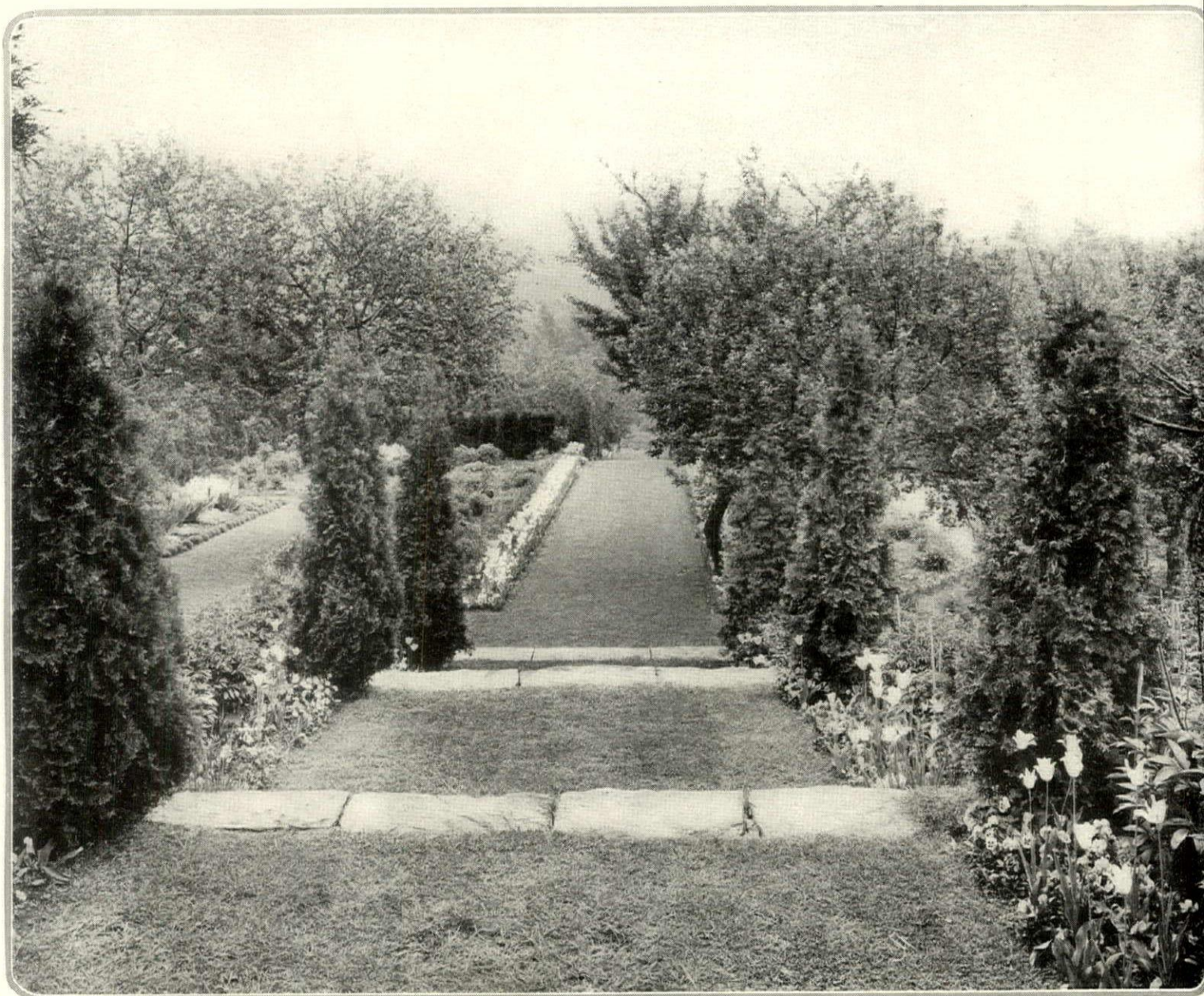
This spring border, running the length of the terrace gardens, is in lilac, mauve and dark purple blended into amber, apricot and gold. The ground cover is *Phlox divaricata* and *myotis*. The Tulips are Apricot, Yellow Perfection, Fawn, Faust, Vulcan, Gulu and Rev. Ewbank. In the hedge are pink and white Dogwoods, Crabapples, Privet, Viburnum, and Cherries

A
TULIP GARDEN
IN ITS
GLORY OF
SPRING COLOR



The White Garden is bordered on each side the central path with pale primrose Tulips Ellen Willmott and yellow Pansies. Around the other beds the white Tulips are La Candeur and White Hawk with white Pansies. The Iris is White Knight. *Lilium candidum* is coming up among the Tulips and clumps of white Oriental Poppies and Gas Plant showing

ON
THE PLACE OF
WALTER
DOUGLAS,
CHAUNCEY, N.Y.



Through this garden (later to be filled with white) runs a band of yellow Tulips and golden Pansies. These begin in the Topmost Garden, binding all three gardens together in the early spring when one feels the need of a sunshiny glow. The path leads through a still lower garden of blue spring flowers into an old orchard planted to Narcissi

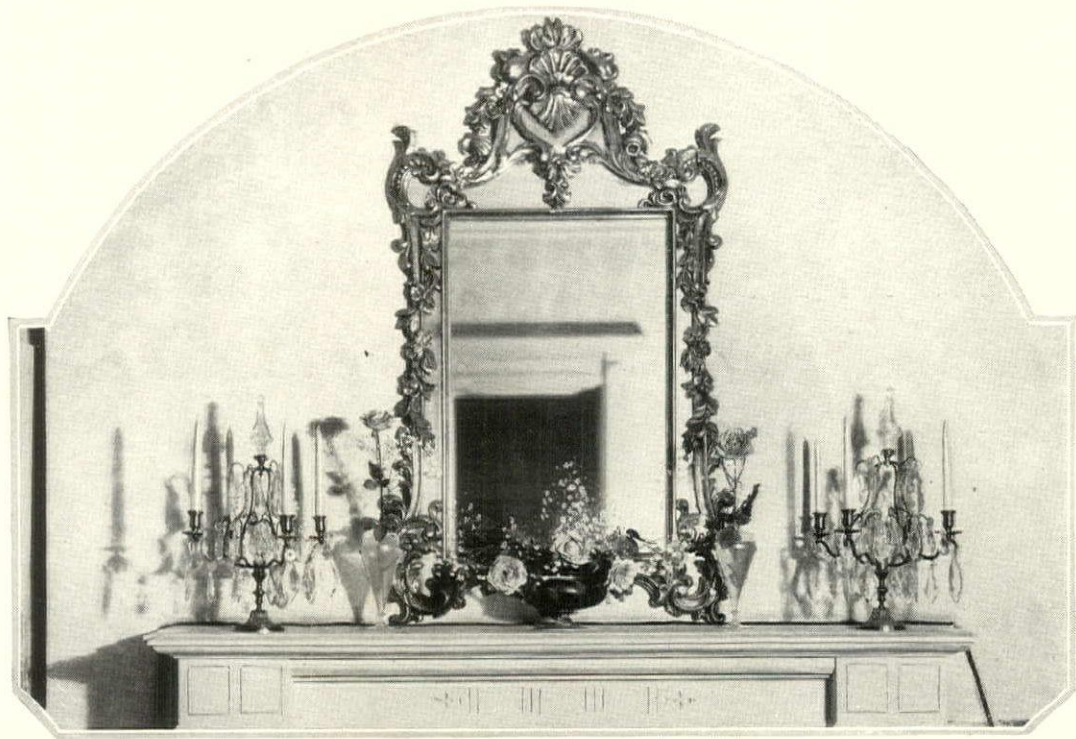
Further down the Green Path young hybrid French Lilacs flaunt their plumes. Below them the lavenders of Phlox divaricata and Exbank Tulips are accented by the deep purple of Tulipe Noire and the gold of Yellow Perfection. These are planted against a background of native shrubs and trees which grow hedge-like along the old farm walls



The first flowers in this garden are Cottage Tulips and Pansies by the central path and at the entrances white *Scilla campanulata*. Against the background of the *Arborvitae* hedge tall Darwins will show a little later. The beds are bordered by white May-flowering Tulips and the Lilies, which will soon be a band of tall white torches

The hillside terrace is banked with Iris, a dwarf pale blue, then a dark purple *Germanica*, followed by gray mauve Japanese. In the beds in the Oval Garden are borders of blue and purple Pansies, Grape Hyacinths, Scillas, yellow Primroses, *Mertensia*, and row upon row of Tulips. *Anchusa*, Foxgloves and *Delphinium* fill all the corners





Dana B. Merrill

Certain places seem to have been made expressly for mirrors, notably the space above the mantel. This fine example of a Georgian mirror is from Margery Sill Wickware

MAGIC MIRRORS OF TODAY

*Even Though the Looking Glass has Lost its Fairy Tale Properties
It is Still a Powerful Factor in the Decorative Scheme*

IT would be hard to overrate the generosity of the mirror. It doubles our space, converting a tiny room into something approaching a palace, widening a narrow passage into a spacious hall, or lengthening it into an imposing vista. A vase of flowers—and there are few effects more charming—placed before a mirror becomes a fairy-like forest of color, plants or china are duplicated in the same delightful way. The Italians, who with the French were the first to understand the decorative value of mirrors, hung them on the walls behind sconces filled with wax candles, and created the illusion of a thousand twinkling lights in a room that held only fifty.

Other illusions, too, they created and passed on to us, such as the illusion of the mirrored door which was much loved in France. Of necessity these doors were made of small panels, held together at the corners by rosettes—a fashion which we often use today from choice, because of its undisputed charm.

Both in Italy and in France mirrors grew to be an important architectural feature to be considered in the building of houses, not merely hung upon the walls after the rooms were finished. The brilliant ballroom of Versailles, constructed entirely of mirrors, was an achievement that amazed and delighted the world.

To a room, if not to its owner, a mirror is nearly always kind. In dark places it is a veritable light-bringer, capturing and re-

flecting every stray gleam, giving life and movement to a hitherto dead surface.

A mirrorless room is a blind room, devoid of expression, unwelcoming, but the moment the magic glass is introduced, the walls open their eyes and appear to take an intelligent interest in the things and people within their compass, while one's doings have a sympathetic though silent audience.



G. W. Harting

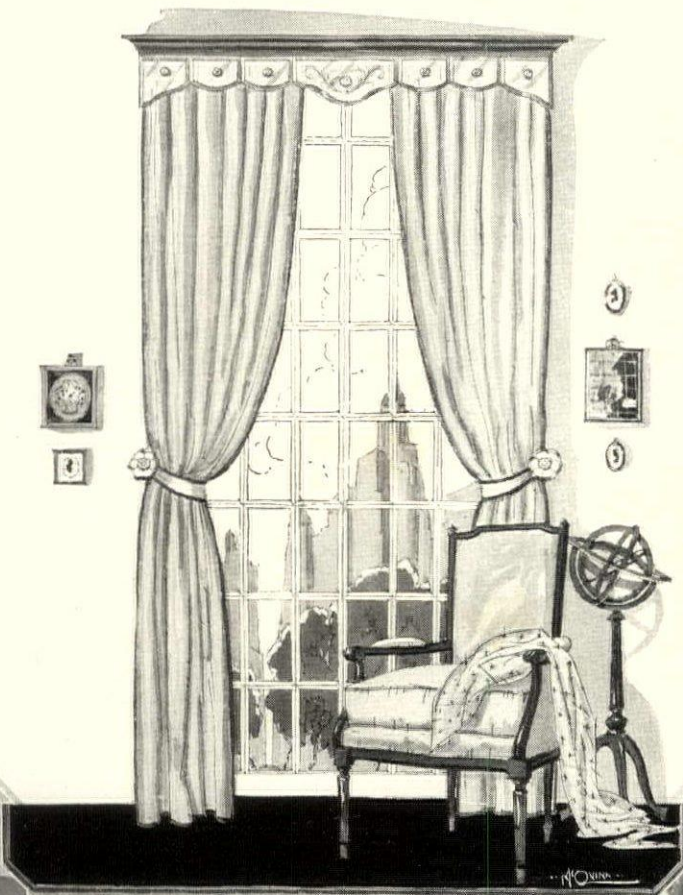
An unusual use of slender mirror panels is a feature of this effective fireplace in the New York home of Ruby Ross Goodnow

One of the most delightful ways of using a mirror is in the long, narrow panel between the windows, a favorite spot in Regency days; when, perhaps, the cult of the decorative mirror reached its zenith. Today, a picture is often substituted with disastrous results, since the square of light on either side distracts the eye from the comparatively dull surface of the space between them. If the painting be removed and a mirror fitted in from floor to ceiling, with, perhaps a little flower-laden table in front, one has at once a living picture whose ever-shifting panorama gives gaiety and movement to the room.

Certain places seem to have been expressly made for mirrors, notably the space above the mantelpiece, which is always the center of interest in a room. Here, a mirror commands the entire situation, reflecting not only the small objects on the shelf below, but also the general appearance of the room and the comings and goings of its inhabitants. It may be built in with a molding or framed and hung on the wall.

Placed opposite the fireplace, a large mirror has a particular charm in winter time, when the leaping flames are reflected and create the pleasant illusion of another fire.

A delightful use of mirrors is to hang them opposite the windows where they will reflect all the flowers of the changing seasons as they bloom outside, thus literally "bringing the outdoors in."



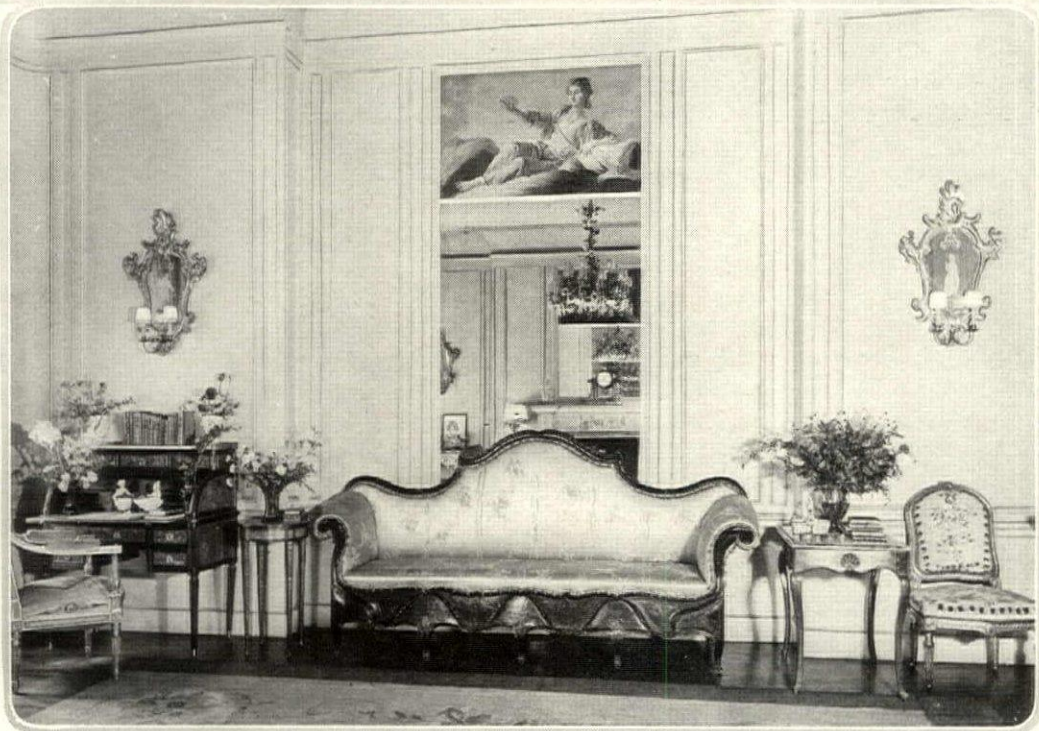
With plain satin curtains, a valance and tie backs made of mirrors are both unusual and smart, Chapin, Harper & Dute!



In small dark rooms and narrow halls a mirror is not only a decorative note but a practical asset as it widens the space and, by catching and reflecting the light, gives gaiety and interest to an interior that would otherwise be lifeless. A dark narrow hall in a city house can be made effective and almost spacious looking if the walls are finished with alternate painted panels and mirrors. Or if this is not practical, light and variety can be introduced by mirror panels set into the front door or on either side of the fireplace opening.



In France a mirror is frequently an important architectural feature. When used in the manner above it creates an illusion of an adjoining room seen through a door opening.



The garden above is reflected in the magic depths of a large mirror enclosed in lattices and attached to the wall of a house at St. Cloud, near Paris; the home of Madame Tachard.

This long mirror makes an effective background for the graceful sofa, and by reflecting the other side of the room gives the impression of space. Ruby Ross Goodnow

LINEN FABRICS FOR THE HOUSE

An Outline of Linens, in Which the Domestic Fabrics Find the Appreciation They Now Deserve

MR. and MRS. G. GLEN GOULD

NO fabric is too fine or beautiful for American mills to undertake. They are now developing remarkable decorative linens. One factor alone is discouraging—the unpatriotic habit of Americans, especially decorators, of apportioning their large expenditures for imported fabrics, buying only the cheaper ones of domestic make. Reverse this deliberately and the word “imported” will soon stand for “inferior” instead of superior merchandise; and salesmen will stop urging imported goods, or American goods with the subterfuge: “This is an imported design”, when the fabric is made in America and only the design is imported. American fabrics deserve to be sold upon their own merits.

Linen fabrics are usually part cotton, often 20% or more. “Natural” linen color is very dark tan or gray and lightens to “half-bleached” and “bleached” or pure white.

Plain linen weaves vary from transparent theatrical gauze to heavy monk’s cloth. Linen plainly and closely woven, light or heavy weight, is obtainable in many colors to match hand-blocked and striped linens in combination for slip-covers, bindings, upholstery, cushions—especially for porch and summer use, over-draperies, lamp shades, and accessories. Plain, heavy linen in dark or natural linen shades, of thick yarn like soft twine, is printed, stenciled or embroidered for large hangings for doorways and windows in country houses, clubs, or where rough plaster requires such fabrics. Plain white linen sheeting is heavier than for pillow cases and both are now dyed by decorators to harmonize with room colorings—orchid, blue, pink and maise.

ARMOUR. Small fancy patterns like huck toweling; fancy striped Swiss awning linens. Occasional small compartment designs for upholstery, slip-covers and loose cushions.

“BELGIAN LINEN” or “Belgian stripes”, in striped twill or herring bone weave, natural linen color, striped in cotton in white, red, green, blue or yellow. Holds natural linen color better than so-called “cotton Belgian linen”. Summer covering for furniture and draperies in city houses.

BLOCKS, CHECKS, FRENCH SQUARES, machine or hand woven, for over-draperies, slip-covers, backing for French tapestry and needlepoint chairs and antique screens; combinations of rose and tan,

green and tan popular with decorators.

BROCATELLE. Linen woven with silk to give the bulky fold and antique, rough effect desired in large hangings. Linen appears either in the design or in the ground.

CRASH. Course, rough, close or open weave, not only for dish towels but for decorating—painting, stenciling and embroidering; popular in very heavy weights; often hand woven—as Russian or other European crash. Used for hangings, couch covers, pillows, table runners, lunch cloths and accessories. “Art. linen” an abbreviation of artificial linen, a cotton crash or other weave.

DAMASK. Named from figured silk woven in Damascus; in one or more colors, design and ground of different weaves, like satin and twill. Table damasks are single or double. Double damasks showing pattern reversed in weave on both sides are—Irish, heaviest, withstands wear, classic acanthus and other designs; Moravian, Czecho-Slovakian, coarse, often gray in color, natural designs like cherries, etc.; Austrian; French, lighter,—single damasks of fine yarn, thin and sheer, all linen or part cotton, with fancy delicate patterns; Belgian, small neat designs. Bolder patterns used in Europe; fifteen grades. Americans like small dainty patterns, and napkins of lighter weight than table cloths. Laundry difficulties have lessened use of table cloths as of white bed spreads. Oblong cloths for refectory tables in demand. Lunch cloths and napkins are often woven of white linen with designs in colors. Decorators now have table linen dyed to harmonize with the room coloring, even in dark mahogany tone.

Decorative linen-and-silk damask is very loosely woven to give appearance of age, and folds like a worn soft table cloth; for hangings, and upholstery where an occasional chair has little use; grounds of strié satin, design linen; plain satins to match in combination. Other damasks are firmly woven of silk and linen in stripes and figures combined, or of linen only as in old fashioned slip-cover fabrics, still used, in natural color with stripes in blue, mauve, green, yellow, red or mulberry.

HANDWOVEN, HANDLOOM, HOMESPUN. Fabrics made by hand, usually more or less rough; a growing craft in America.

HOLLAND. Plain light weave, formerly imported from Holland, usually glazed

for window shades; white, natural, but dark green and blue. Used for hand painting.

Madeira, Italian, and other imported fancy linens are more or less elaborately ornamented with embroidery, lace insets and drawn work. Plainer linens in vogue.

MONK’S CLOTH OR BASKET WEAVE. Several yarns plainly woven as one, giving small block effect. Very heavy weight liked for theatres, large buildings and stores; wall coverings for picture galleries or rooms where rough effect is wanted. Hangings, cushions and accessories.

STRIPES. Effective colored satin stripes with linen stripes in natural color give the bulky fold desired in some hangings. “Woven stripes” of linen, handwoven, are the vogue with decorators for all-year slip covers and hangings.

THEATRICAL GAUZE. Light weight loose weave, translucent, many colors; for glass curtains, plain or embroidered in old English designs in crewels.

Linens are printed, stenciled and painted. They are printed by machine from metal rollers, or from wooden blocks; hand printed by a stenciling process; and hand-block printed, the finest and most costly mechanical method, which has the highest art value, the pattern repeating at longer intervals for large hangings. Every weight and texture are used for decorating, but hand-blocking is usually done on a closely woven medium weight fabric. Very rough heavy fabrics are stenciled, crash and monk’s cloth preferably; one known as “hand-blocked on flax” being splendidly effective. Early English embroidery, in crewels, especially Jacobean, is in demand for hangings and upholstery with rough plaster and wood paneled walls. Designs of many periods are available in printed linens for hangings, upholstery, slip-covers, loose cushions, pillows, over-draperies and valances. Holland is used for painted window shades in Italian classic landscapes or Chinese designs. English prints are in favor. French prints in the modern style have unusual colorings, as green and yellow wheat sheaves on a tomato red ground; light and dark blue heavy foliage with clusters of red berries; a gray green ground with groups of black stripes and lavender flowers. American designs are most adaptable for chair seats and backs, cut-edge lambrequins, valances and hangings. Printed on 32- or 50-inch linens they are procurable in a week instead of two or

(Continued on page 134)

A LITTLE PORTFOLIO OF GOOD INTERIORS



Tebbs



Plaster walls, mahogany furniture and colorful linen curtains create a dining room of much dignity. Beyond is a breakfast room. Arthur Hill, Charleston, W. Va., owner; Dennison & Hiron, architects



M. E. Hewitt

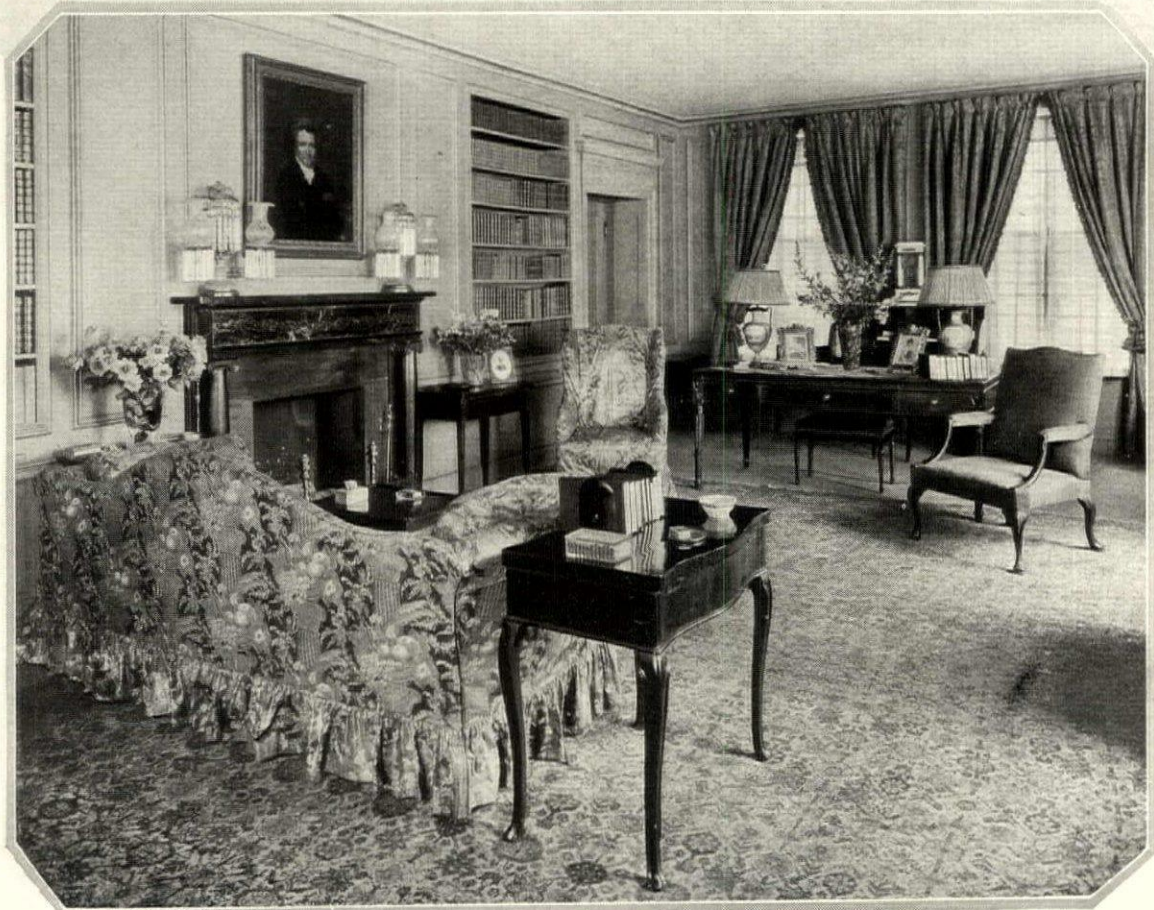
In the library of the New York residence of Mrs. Charles Steele the walls are blue and the curtains blue green mohair with a damask design. The furniture is a fine mixture of Italian, English, and American pieces

A corner of the same room is devoted to a writing alcove. Here is an interesting group of furniture consisting of a Colonial secretary, English console table and Italian bergère. Elsie Cobb Wilson was the decorator



The picture at the top of the page opposite is of the dining room in the New York home of Thomas Cochran. Here walls are gray and hangings green satin with an Empire design, the furniture Empire and Directoire

An interesting color scheme distinguishes the very livable library in the same house. The walls are blue green, the hangings dull red damask and the slip covers glazed chintz in harmonizing shades. Elsie Cobb Wilson, decorator

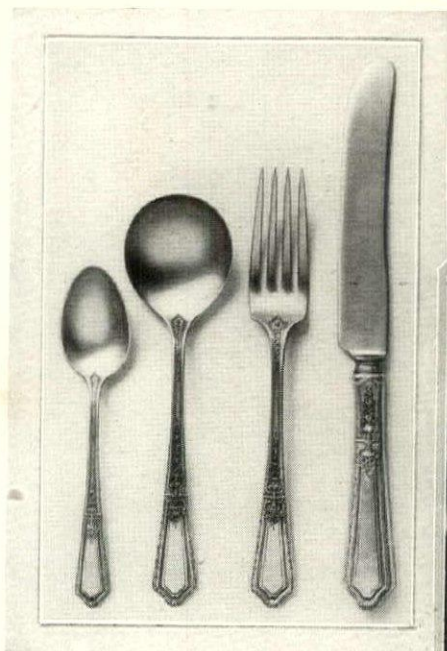


M. E. Hewitt

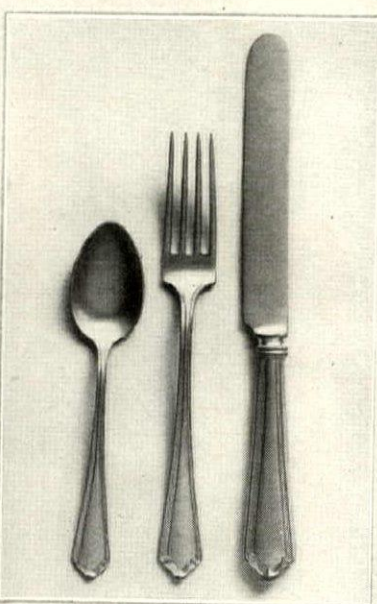


The design of this flat silver—delicate beading, graceful scrolls and an urn motif—was inspired by the shapes and patterns of Wedgwood pottery. Silver from the International Silver Company. Decorations by Margery Sill Wicksware.

A VARIETY OF FLAT SILVER



Very graceful is this Regency pattern of sweeping scrolls, clusters of flowers and twining tendrils in relief. Courtesy of the Towle Company.

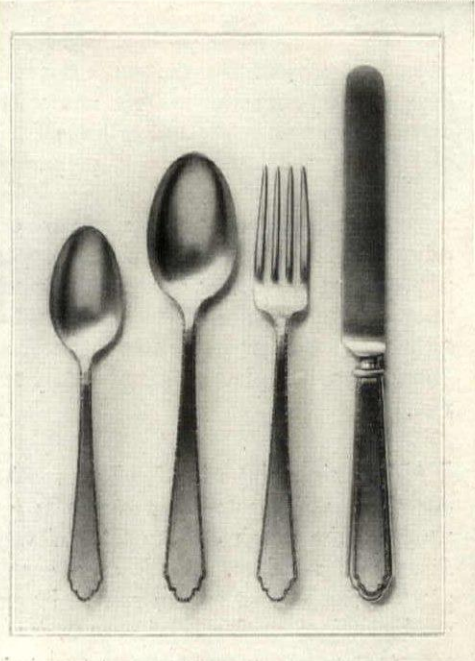


The silver above because of its smart simple design would be effective in an early English or Colonial dining room. From the Watson Company.

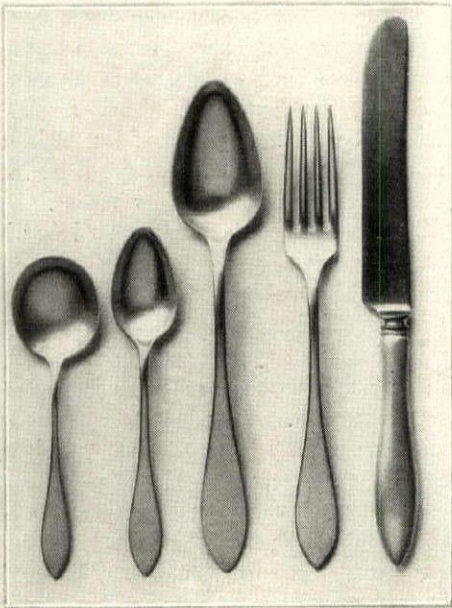
The silver on the table is simple and direct in design. It has a narrow molding and an ornamental swag. Courtesy of the Alvin Company.



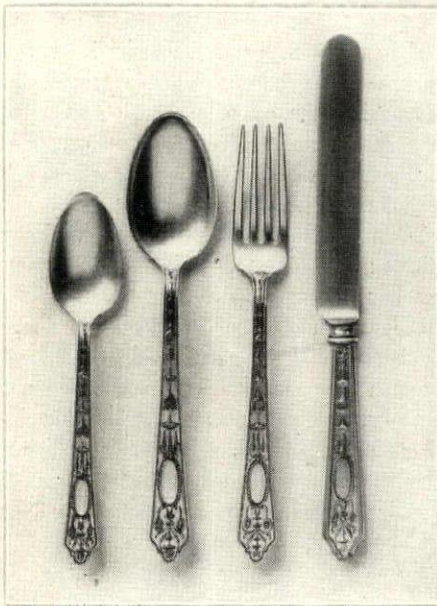
For this table set with amber and blue Venetian glass, flat silver in a simple classic design was chosen. The chief ornament is a narrow bead molding. Silver from the International Silver Company. Decorations by Margery Sill Wickware



The shape of these handles was inspired by the curved tops of chairs and cabinets of the William and Mary period. From Rogers, Lunt and Bowlen



The perfectly plain silver of our ancestors was smart because of its absolute simplicity. With a graceful monogram the silver below is quite as distinguished as a more elaborate pattern. An interesting feature is the pointed handle. The Towle Company



The silver above with its graceful Adam pattern would be charming in an 18th Century English dining room. From Rogers, Lunt and Bowlen

BUILDING IN WINTER

*In Many Ways, Both as Regards Cost and Convenience,
this is an Ideal Season for House Construction*

FREDERICK HOUSTON

IF you are about to build consider the seasons, and consider seriously the matter of construction in winter. It is practicable. For years many of our larger residences have been completed during cold weather, and the building of smaller houses can be timed in a like way.

The high cost of even a modest home is a constant agony today, yet in building houses of moderate size, the majority of people confine themselves to starting in the spring and finishing during the summer, when, owing to this seasonal concentration, both labor and material are at their maximum.

The year, with regard to the building of smaller residences, resembles the day of the New York subway. The subway day has its suffocating jam during rush hours, with intervening periods when the cars are half filled. The summer jam in house building is followed by slack months, and non-employment of labor. The subway jam is hard to reduce, for working hours have to synchronize with other working hours and workers have to get home. The summer jam in house building, however, is partially remediable, for a portion of this residential construction can be carried over into the slack winter months and the concentration on the summer season eased up.

When late summer finishing is over, the workmen in many building trades have several months of idleness to face, not a very satisfactory idleness, but one filled with a daily search for work and a struggle to make financial ends meet.

Though the wage rates fixed by the unions are calculated to include compensation for the enforced winter idleness, there is still the excess or bonus as a further provision for the unemployed days. As the demand for labor develops during the summer, wages mount continuously until the rates fixed by the unions are left far behind and the workman pulls off a very considerable excess over his union standard.

WHILE winter building does not lower union wages, it nevertheless permits the contractor to employ men without the bonus added on. The workman benefits, however, for the condition which he greatly desires is steady employment throughout the winter, even at the minimum union wage.

The New York Building Congress has prepared a seasonal labor chart which furnishes us with illuminating information

on the results of compressing construction into the warmer months of the year. This chart is based largely upon city conditions where seasonal variation in building is far less extreme than in suburban and country districts, so our data understates the out of town situation.

With the demand slackening during a period of from one to two months in the fall and later increasing through a like period in the spring, the Building Congress chart shows the following unemployment conditions during winter.

Common Laborers from December 1st to March 1st.

Out of every 10 men, 6½ are idle.

Bricklayers and Masons from December 1st to April 1st.

Out of every 10 men, 6 are idle.

Carpenters from November 1st to April 1st.

Out of every 10 men, 3 are idle.

Sheet Metal Workers and Roofers, from January 1st to April 1st.

Out of every 10 men, 3 are idle.

Lathers and Plasterers from December 1st to March 1st.

Out of every 10 men, 4 are idle.

Plumbers from January 1st to April 1st.

Out of every 10 men, 5 are idle.

Steam Fitters from January 1st to May 1st.

Out of every 10 men, 4 are idle.

Electricians from December 1st to February 1st.

Out of every 10 men, 6 are idle.

Painters from December 1st to March 1st.

Out of every 10 men, 5 are idle.

CONSIDERING the decline in the demand for labor which for a month or two precedes the above listed periods of idleness, we find of the nine important trades in residential building, six have slackened with the arrival of late fall and the remaining three trades have their idleness deferred for but a few weeks.

This means that as this excess labor becomes available, the contractor is able to build up his working force, at union rates, and selected for ability.

During the summer months in order to fill out the contractors small permanent organization, anything with legs, arms and a union card has to be taken on, and paid the current wage, union rate, plus bonus.

During slack months the incompetent workman can be fired from the job, and a better man hired in his place. In summer the incompetent worker has to be endured,

paid, and if his work is outstandingly poor the contractor has to make it good at the prevailing high costs. In order to protect himself, when figuring in the spring, the contractor has to include a sufficient contingency to provide for the probability of this incompetent labor.

An influential factor in securing the best building for the money expended lies in allowing the contractor ample time for doing his work. Winter building can be carried through eight months, from October 1st to June 1st, while summer construction generally runs through six months, from April 1st to October 1st.

With excavation started in the early fall footings, and foundations following, the outer walls of masonry or frame, whichever it may be, carried up, with bearing partitions and floor beams put in enrou, frames and sashes installed, and the roof put on, the house is sufficiently closed for any weather. All of this can be done at a time when the various trades involved are seriously slackening up and likewise before the arrival of very cold weather which in our northern states generally comes late in December or early in January.

With the house under cover, non bearing partitions can be placed, the heating system can be installed, and connected to temporary radiators, so that heat may be had when needed, then the rough floors can be laid, plumbing and heating and wiring carried forward, walls and ceilings finished and finally the lathing done, preparatory to plastering.

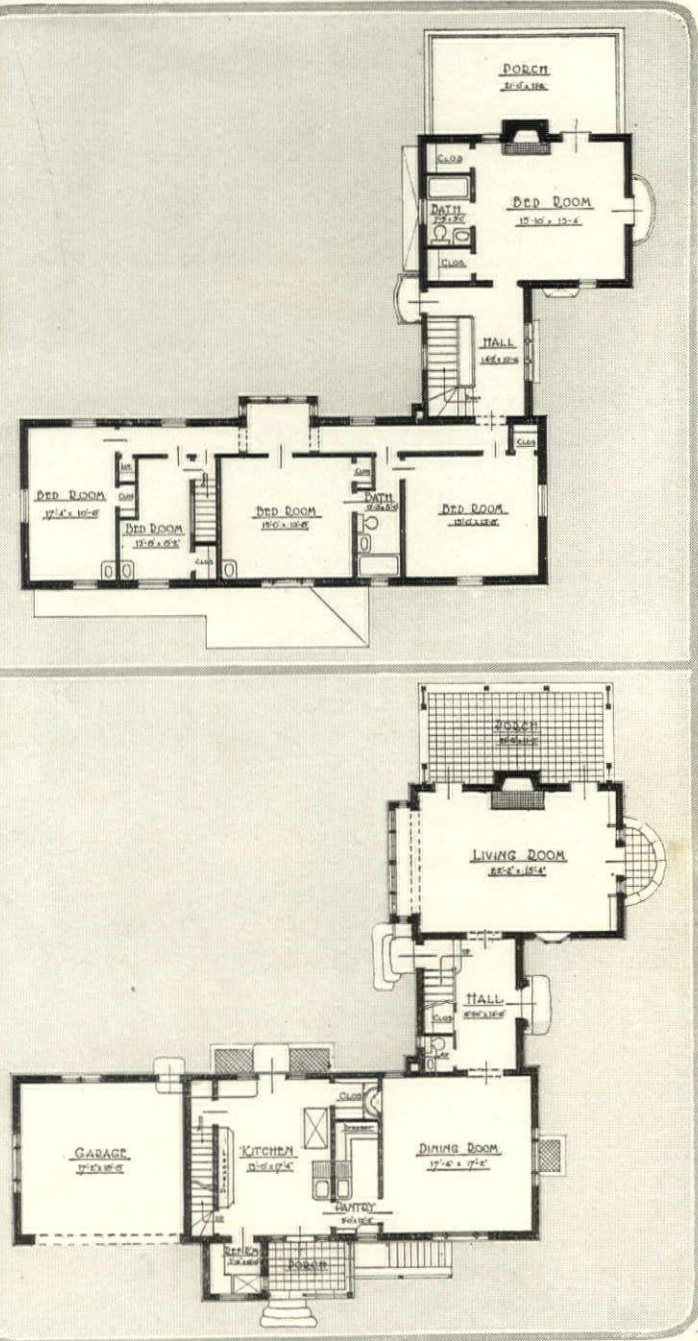
Some plasterers prefer summer conditions, but many of the best find proper adjusted artificial heat easier to cope with than the uncertainties of summer weather with the possibility of periods of rain and humidity, when plastering stubbornly stays wet.

BY the time plastering has been reached the heating system has gotten in good work on the rough construction of walls, floors and the like. With each coat of plaster, the heating system can be brought gradually into further service, with careful attention given to temperature and ventilation. Ample time can be allowed between coats for plaster thoroughly to dry out, and before the final or finish coat is put on, all cracks can be filled up. With the finish coat on, time for further air full drying can be given before woodwork and finished floors are put in.

(Continued on page 108)



Melichor



Georgian, French and Italian sources have been drawn upon for the design of this essentially American house, the home of J. Marsh Matthews, Baltimore, Md.

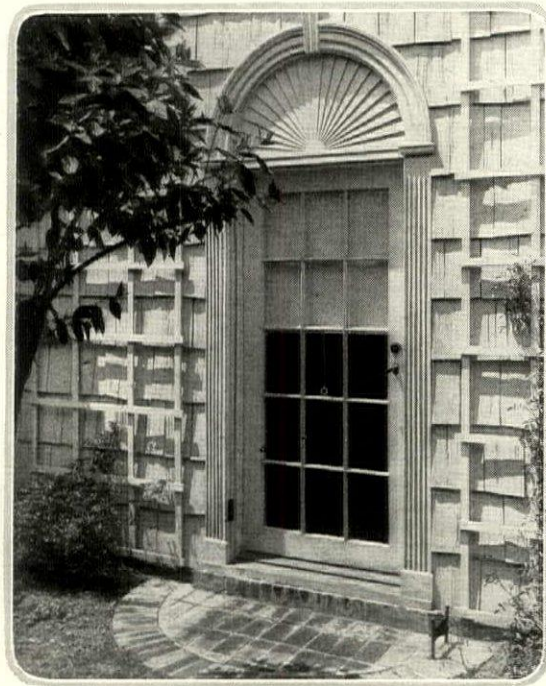


The L-shaped plan affords an interesting arrangement of rooms and a sense of long interior vistas not usually encountered in a house of this size

One of the loveliest details is this entrance to the living room from the lawn: a side-lighted doorway with a graceful, elliptical balcony. Bayard Turnbull, architect

THREE PAGES
OF MODERATE-SIZE HOUSES

From Maryland and New York



This French door with its finely designed fan-piece offers a splendid contrast between the weathered texture of the shingled façade and its delicate sophistication.

The feeling of intimacy with its site is aided on the garden side of the house by the two projecting bays which also work into a nicely balanced window grouping.



The view of the house above on the opposite page shows the garden side and the long, glass enclosed sun porch which opens off the living room

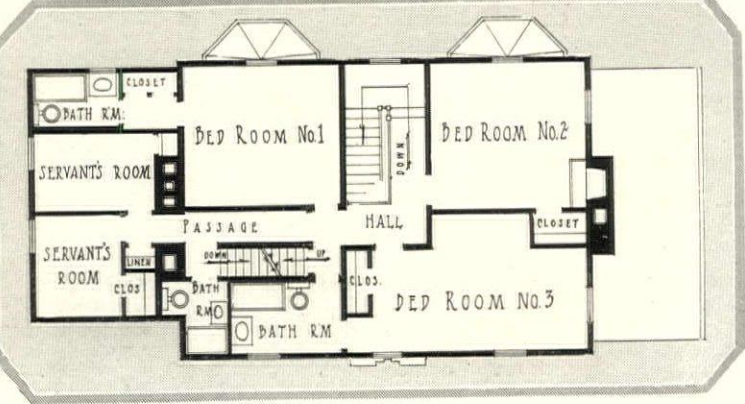
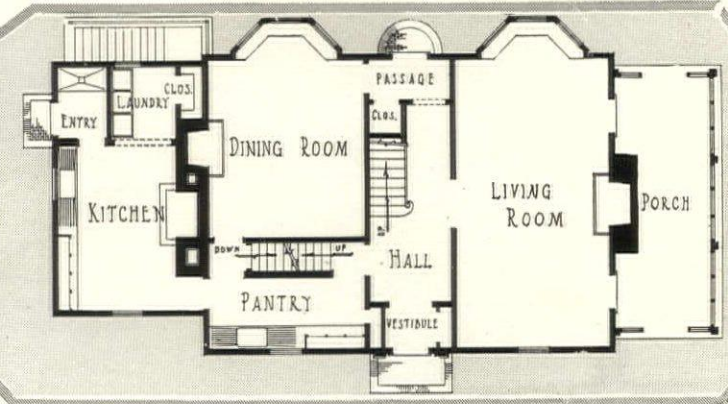
THE HOME OF MRS.
EANNETTE R. GILLIES
FLUSHING, N. Y.
REANOR & FATIO, Architects



The main doorway, with its fluted pilasters and broken pediment, has all the charm and dignity that lie in the Colonial handling of the Doric order

Covered with hand rived shingles, the house presents the texture as well as the architectural style of the old Dutch houses in the neighborhood

Though the house is one of moderate size there is roominess on both floors. The arrangement on the service side is particularly splendid



NEW ENGLISH COTTAGE FURNITURE

*Simple Contours and Absence of Elaborate Ornament
Characterize the Pieces Now Made in Broadway, Worcestershire*

HAROLD DONALDSON EBERLEIN

ONE of the crying needs of the present day is well-designed furniture of simple character and moderate price.

Persons of discriminating taste, when for one reason or another they deem it inexpedient to purchase either antiques or modern pieces made in the well-known period types, welcome furniture of fresh and honest design, direct and just in proportion, good in material and workmanship, of a scale appropriate for rooms of moderate size, and of a price within command of limited pocketbooks. And such furniture it is possible to find, although it is not usually found without search.

The Lygon Furniture now being designed by Gordon Russell of Broadway, in Worcestershire, fulfills the qualifications just mentioned. Mr. Russell has a thorough knowledge of all the minute details of furniture tradition, and, what is more, an intense appreciation of those details as well. But he uses his intimate knowledge as a storehouse of suggestion, and what he draws thence he adapts with a sensitive and well-balanced understanding of the ends immediately in view.



The chest above is of English oak with handles of hand forged brass. This piece illustrates the great decorative value of light and shade

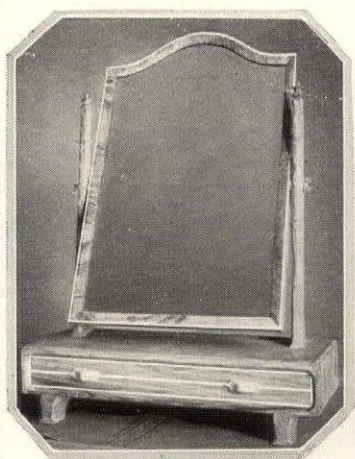
The materials chiefly employed are oak and walnut with the occasional introduction of box, bog oak, and figured yew as embellishment in the form of bandings, inlay and pulls for drawers and doors. Wrought brass and wrought iron are used for the mounts, and these mounts are as carefully designed as the pieces of furniture to which they are attached.

In the finish of the furniture it is important to note that only a dull wax gloss has been given, without any previous oiling or staining, so that the wood is not darkened but retains its natural color. This method of finishing, while imparting sufficient suavity to the surface, eliminates the repulsive shine that disfigures so much new furniture, and allows the wood to mellow naturally without obscuring its native qualities. When oak, especially, is treated in this way, it escapes the unpleasant taffy color that varnishes often give, and remains light enough in hue to avoid the objection, sometimes urged against oak, that it appears dark, heavy and gloomy.

There is no carving and no
(Continued on page 116)



The simple straight-forward lines of this sideboard adapt it to many types of decoration. It is walnut with yew and ebony inlay



A small dressing mirror of walnut and yew has box banding and drawer pulls

The simplicity of the wrought iron mounts is quite in keeping with the sturdy lines of the oak sideboard at the right



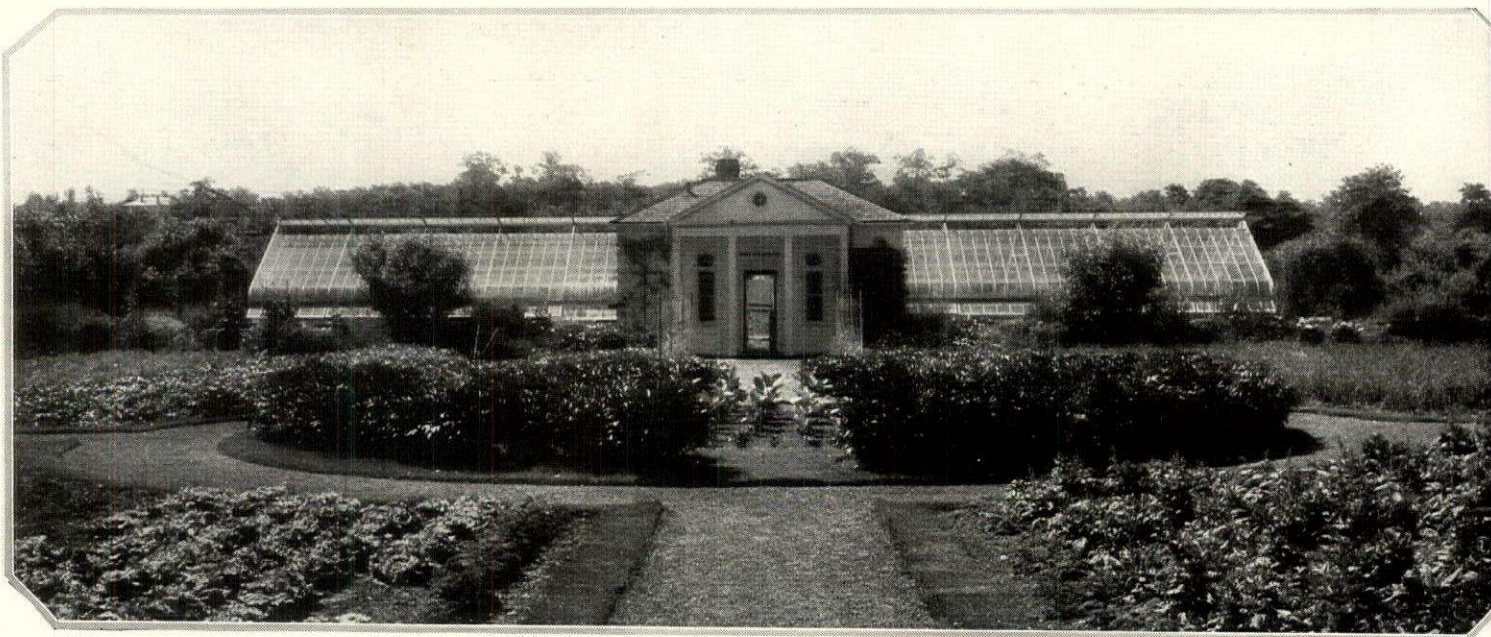
The cabinet at the left, now in the possession of Lord Dunsany, is mahogany with veneer embellishment. The rectangular panels in the doors and sides are bordered with a band of cross grained laburnum in oyster pattern. The vesica in the panels is walnut with ebony bandings



Above is a very simple table and small standing mirror of English oak. The furniture on these pages was designed by Gordon Russell



An interesting bench and stool in English oak with tops of interlaced hide carried through the sides with a crossfoot pattern



Gillies

In addition to all its practical advantages this greenhouse carries such architectural charm that it serves the double purpose of beauty and usefulness, and in the same high degree.
George S. Brewster, Brookville, L. I., owner; Alfred Hopkins, architect

GREENHOUSES and ARCHITECTURE

These Most Vital of Garden Structures Should be Designed and Placed to Fit the Appearance and Scheme of the House and Grounds

RALPH PATTISON

EVERY gardener would like to have something to say about the seasons. The greenhouse gives him his chance. It vests in him a certain authority, by means of which he adds a season here, a season there, and stretches others out to suit his convenience. It becomes the main-spring of his garden. Its driving force and reserve power keep things constantly in motion. Like plumbing and central heating it was once considered a luxury. Howsoever luxurious still, it is like them, now, a necessity. And in just the way these features are planned to be integral parts of a building, so the greenhouse should be planned to be an integral part of the house and garden scheme. If, when the house is built or the garden made, the greenhouse must remain a matter for the future, then its place should be settled upon, its design determined. It should be no more an architectural afterthought than the garage.

Though there are certain obvious requirements of construction which greenhouses must follow they are perfectly susceptible to an architectural treatment that will bring them into harmony with

their surroundings. There is no reason why they should be out of key. The two greenhouses shown on this page have submitted to architecture without any sacrifice of efficiency. Instead of being utterly distinct notes in their gardens—gardens whose whole arrangement, style and design follow the spirit of the house, they fit into their settings without the slightest feeling of strangeness.

When the greenhouse is attached to the house itself it is even more important that it should become as much as possible a part

of the building. It should be placed so that its lines and mass will have some pleasing relation to the house, and not be a sort of casual appendage. Naturally, it will have to be placed in the proper exposure, where it will catch direct sunlight through the greater part of the day. This is not a difficult problem when the attached greenhouse runs out like a gable from an end of the house. In such a position it receives sunlight from three sides, and, furthermore, in such a position, being in effect a wing of the house, it is quite apt to fall gracefully

into the architectural scheme. The problem is generally more difficult when the greenhouse takes the form of a lean-to. Here the greenhouse lies close to the house, and skill is required to make it seem an unawkward addition and yet place it where it will receive the exposure it requires. Roughly speaking, the lean-to type is most easily adjusted to a house designed on informal lines in the

(Continued on page 132)

In the garden of James Parmelee, Washington, D. C. the greenhouse has been designed to share the loveliness of its situation.
Charles A. Platt, architect



SOME ASPECTS OF GAS COOKERY

*In Which the Matters of Heat Regulation and
Equipment are Considered as Culinary Ingredients*

ETHEL R. PEYSER

BANISH immediately from your mind the idea that gas cookery lacks style, that it is not being used as much as heretofore and that its young sister, electricity, has made gas cookery take a back seat! The fact is that there is in use today three times as much gas as there was twenty years ago; and double the amount of that used ten years ago; and forty-five million people use gas for cooking their meals; and there are some 70,000 miles of gas mains in the United States! So gas Main Street is the longest main street on record!

This article will not describe gas ranges, except as their parts come up in the discussion of cookery. Neither will this article give recipes, but it will, however, try to give you a few ways to get the best results out of your gas cookery and your gas ranges.

The ancient hit or miss methods of cooking are passing from the earth. The popping of one's head into the oven, imperiling one's hands and head, to push in or pull out pieces of paper to see if they are sufficiently puffed for the good baking of the cake, is a well lost adventurous feat! Today there are heat and gas regulators which have banished for you the uncertainties of cooking by gas, so that you can preserve your front hair from oven roastings.

THE heat regulators with varying attractive trade names come with most of the new stoves, so that if you are tired of guessing and tired of spoiling expensive ingredients, you can put an end to it by the use of these new ranges which treat time and heat simply as two more ingredients. Their function is not to tell the temperature of the oven but it is to keep the oven at a certain temperature by regulating the supply of gas. If the oven is open, the regulator will speed up the temperature a bit, when it closes it will rest a bit, and so on.

For example should you wish to roast a piece of beef you would set the regulator at (say) 500 and go away and attend to your business. At the end of the time, according to the chart and the weight of the meat, you would come back again and the meat would be cooked. In this way you get the benefit of the fireless emancipation and become not a serf, but a free-woman! You can set an alarm clock if the food to be cooked in the oven is to come out at some set time, and then, if you are playing the piano you will hear the bell and go in to the kitchen and take out the roast.

When you first get a range with this regulator on it, you may find, especially in baking, that cooking according to the temperature and time stated on the chart (which comes with your stove) does not give perfect results. Do not think that the regulator is wrong. For many cooks' cooking varies and no manufacturer can make a chart to fit every cook's variable use of liquid and sugar. So the next time just adjust the regulator up or down according to your last cooking experience. It is the regulator's elasticity that is so valuable. All machinery must be tempered to the individual user and occasion. If this were not possible machinery would soon pass out, as too inelastic for human use! Fancy the automobile whose paces could not be tempered to meet the up grades of the most capricious country side! So do these regulators meet the moods of the most capricious bakers and roasters and they are legion.

The oven regulator is quite a marvelous thing, for you can be sure, whether the gas supply is regular or irregular, that the regulator will keep the oven at the temperature designated on the degree to which you have moved the dial.

Now there are ranges which cook on retained heat and are similar to fine fireless ovens. Furthermore, the regulator itself gives you a fireless comfort.

THEN there are ranges today on which you can cook over the burner, firelessly! That is you can cook on retained heat over the burner as well as in the oven. This is a real advance in gas cookery and worthy of trial.

Another interesting little improvement on gas ranges is the rack that slides easily, so that dishes may be removed from the oven with less danger to the fingers. The sanitary door is another thing too which is of cast iron construction and being enameled on both sides is easily washed and removed from the stove itself. These are not aids to cooking, but show the trend of the ideas and ideals of the modern range maker, whose aim is to make gas cookery as nearly perfect as possible, in and out of the oven.

There are three ways of cooking by gas: By guess-work, which is the old and to be abandoned way, by regulator and by thermometer.

Now if you prefer the thermometer, we would suggest that you get a high grade thermometer that is not attached to the

oven door, because they get out of order more swiftly than the one that is not rooted on a moving and banging back ground. The cheap thermometer is fickle and is even more of a wastrel than a fickle man or woman!

It has been my lot to see kitchens equipped with the most modern of modern gas ranges and to witness in them the most antediluvian methods of cookery. This always eventuates in the lady of the house saying, "I cannot stand the new fangled stoves, gas is more expensive every year!"

The fact is, that gas is less expensive by eight or nine times, than it was in our grandmother's day and, besides, the ranges are so built, that with the use of a little common sense, you can make your gas expenditure less than any expenditure in the house.

Gas is really very inexpensive; 7,000,000 American families, who cook by it know this, if they use it well.

Do not use gas or any other fuel unless you know something about its needs and characteristics. If you do you are but running yourself into needless trouble and expense. This can be said in the use of any fuel.

THE most important things, of course, in the gas range are the gas supply and the range itself, which acts as the medium through which gas works. So the first thing to do is to get a gas range that is suitable to cook for your own family; one that appeals to you from inquiry and others' experience as an able range; one that is made by a manufacturer of stability. Whenever possible order it from your gas company so that you will get the service, or nearly all the service, that you need. For the gas company that serves you will serve itself, and the gas companies are becoming benign helpers instead of glowering corporations who want only to sell, sell, sell.

Now that you have bought the range, you must place it on a level floor. The cooking surface of your range should be about 38 inches high to avoid back-breaking exercise while cooking. Whether you get the smooth top range (this looks like the coal stove top and gives you a large warming surface and no inconvenience from dropped foods and tilting utensils), the spider top, or the semi-top is entirely up to your own inclination.

But you must become a culinary coloratura, for whether you, after installing the

(Continued on page 118)

MAKING LOG CABIN FURNITURE

For Appropriateness, Harmony and Comfort, Build Your Tables, Chairs and Accessories Out of Materials Cut in the Woods

DARRAGH ALDRICH

THE man who builds a log cabin and then thinks his wilderness home is completed, is the sort of person who would try to tell a joke and leave the point out. Having a roof, walls and a fireplace, let us not therewith be content—although it is a good start.

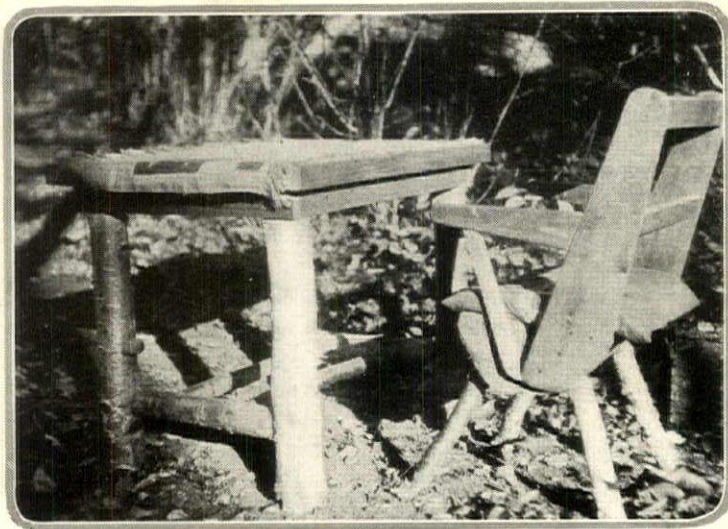
There is a great temptation to approach the discussion of log cabin furniture by a series of don'ts. However, psychoanalysis warns us of the dangers of inhibitions, so we shall let fly only one rather large and comprehensive don't: "DON'T ship to your new cabin the junked contents of your attic and store room in town." You want a wilderness home—an abode of the primitive—not an Asylum for Aged and Infirm Furniture.

When we built our pioneer home on the North Shore of Lake Superior, there were many guesses among the curious natives as to what sort of furniture "city people" were going to have. Our neighbors—bless 'em!—trekked in with their mail order catalogs of alluring bargains. When we thanked them but "regretted exceedingly", they began to have doubts of our financial

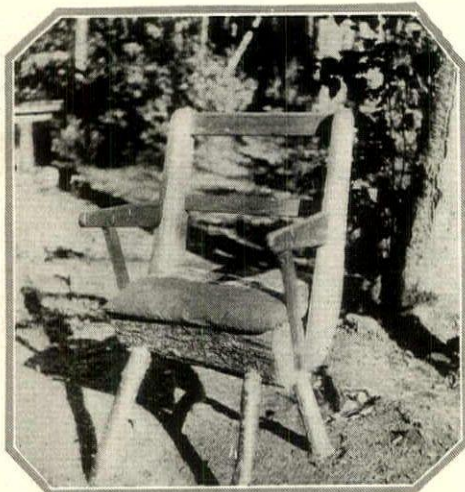


A candle sconce whose base is a dried section of tree fungus

An augur, saw, hammer and good knife are the only tools needed to build this table



The furniture of a log cabin should carry the spirit of the woods. Ingenuity plus appreciation can fashion it out of the nearby timber



The seat of the chair is formed by a log split and planed smooth on one side. The legs are set in bored holes

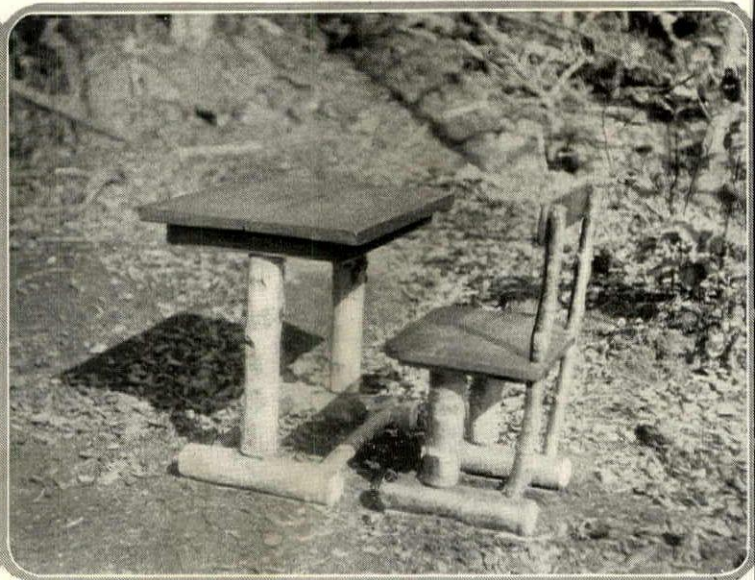
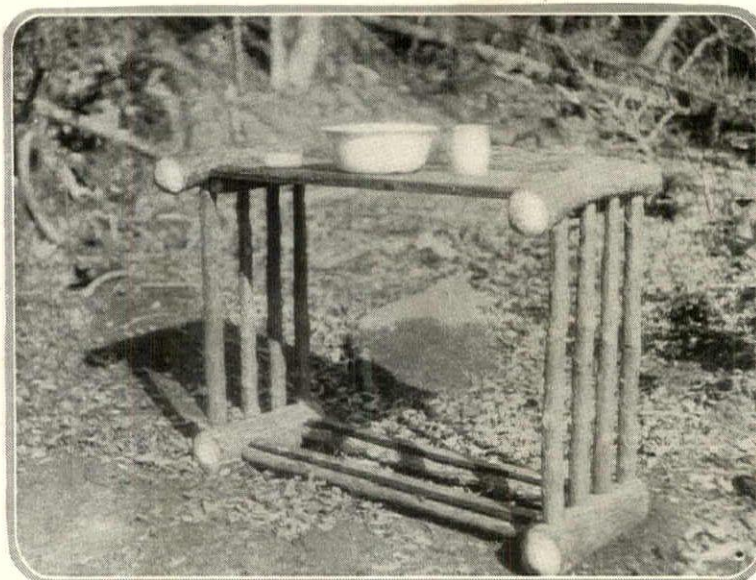
standing. There was only one reason in the world, in the eyes, for not only eschewing knock-down catalog houses and ready made mill work, but refusing to become interested in furniture that "you don't have to pay all down on right away". There was one brass bed in the neighborhood, and people called to see it. It had been bought by the careful saving of a lad who had worked at all sorts of odd jobs—hiding away his earnings where not even a bank could get hold of it—until he had enough for this investment. And it must be granted that it would be hard to find any article of furniture which has given its owner more pleasure than that extremely large, extremely shiny and extremely robust-looking brass bed. Grief stalked at his heels when he heard it rumored that the city people would probably have a larger and shinier one. However, we soon put him at his ease by asking his help in scouring the woods for fit saplings for a four poster.

Let us exclude at once the log cabin owner who has the taste and means to select his rustic furniture from some one of the many excellent



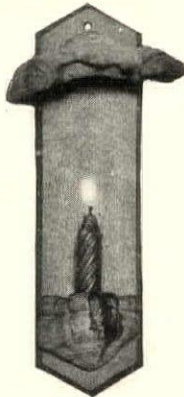
Another type of table and chair, their flat surfaces made from milled boards

Plenty of variety is possible in the fungus candle sconce





Prettily grained wood forms a good background panel for a scone



A second fungus may be added as a decoration at the top of the panel

Comfort no less than appropriateness characterizes the furniture of the cabin. No article of convenience or practical usefulness need be omitted

handicraft shops where they really know how to design and build things sturdily fit. This article is intended to be helpful to him who prefers to do things with his own little hatchet.

Those who wish their wilderness home to evince a complete return to the primitive are likely to fall into one of three classes—ruling out the attic-ransacker with his van load of inebriated tables, disgorging lounges, bamboo whatnots and whining platform rockers.

First comes the crate, box and barrel-stave chap, although, as a matter of fact, there is a good deal of usable lumber in

Even a refectory table is possible if the conveniences of a sawmill are available. A strip of dressed board is set in all around as an apron



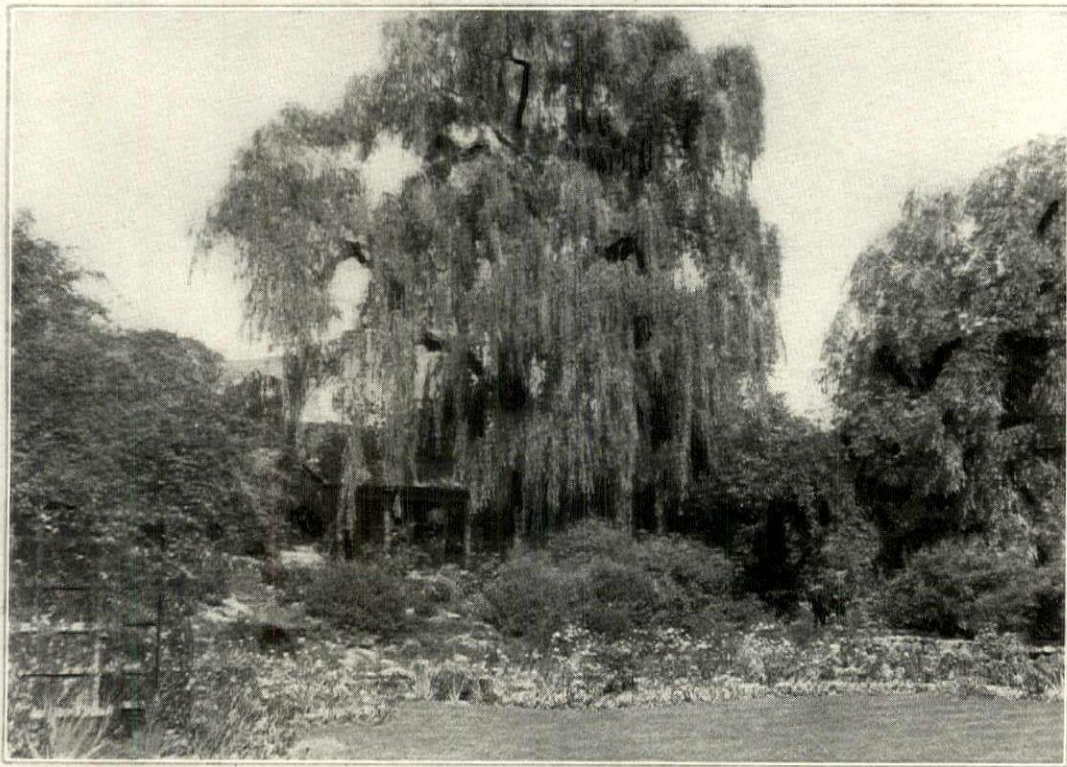
Frames for the bed springs and mattresses are made of any desired height or width. Birch, either black or white, is excellent for uprights

all of these. Chair seats and backs can be made of crate boards, a fairly comfortable chair out of a barrel cut down to fit the anatomy, and cupboards out of boxes—never forgetting to lay aside thin boards for drawers, shelves, etc. However, the boys in the lumber camps call this style of doing things the “hay-wire-and-gunny-sack” method—and so, unless your artistic grasp and ability are confirmedly no more than this, work out of this class as rapidly as possible.

The board, slab and edging workman is the second degree. He at least gets over
(Continued on page 110)

The conventional table height is 30 inches, and that of the bench seat is 15 to 18 inches, depending upon whether you plan to use a cushion





This September border holds the tender hues of an Autumn haze. It is in the garden of Mrs. William K. Wallbridge, Short Hills, N. J.

Perrett

A DELICATELY COLORED SEPTEMBER GARDEN

A Variation from the Usual Autumn Array of Brilliant Colors May be Made by the Use of Flesh Pinks and Soft Lavenders

ANTOINETTE PERRETT

ONE of the fine delights of gardening is contained in the wide variety of color effects it is possible to obtain. It is never necessary to follow any prescribed custom. Every season offers so large a selection that the choice lies always in the gardener's hands. Though certain colors predominate at certain seasons: whites and pinks in Spring, Blues in June, yellows in late Summer, and reds and oranges in Fall, altogether different notes may set the key at any time. The garden shown here has been made a lovely exception to the general rule. One usually sees September gardens in red and gold, in scarlet and heliotrope, in rose and purple, in lavender and burnished brown, so that the color scheme of this garden: all white, flesh pink and lavender, seems something of a revelation.

The principal flowers, the flowers that gave body to the borders, were annual Asters, Crego's Giant Pink Comet Asters, that are not stiff or too full of bloom, as Asters often are, but quite informal in their habit of growth. Their flowers are large, double, chrysanthemum-like blooms, and a charming soft shell pink in color.

In among the Asters, and rising above them, were the Gladioli, the lovely

Americas, also a soft shell pink and quite orchid-like in their coloring and texture. Both these flowers, especially when they are used together, have a luxurious air, so that the Eupatorium that was used with them was not only a contrast to them in coloring but had a softening effect. It was lavender Eupatorium, of course, the *Eupatorium coelestinum*, that has flowers so like the Ageratum and is one of the very best lavender blue perennials, blooming, as it does, from August until frost.

In back of the Asters and Gladioli were the tall purple perennial Asters that are always so exotic and precious looking when they are used in gardens with background shrubberies. In fact, the rarer the background shrubbery, the deeper its evergreen massings, the more rare and lovely the Asters seem. You would hardly suspect them of ever having been weeds in the field.

In front of the Asters and Gladioli were the African Daisies. They gave a very unusual touch and were enchantingly effective. It was they that held the other flowers together in a kinship such as I had never seen before. They have very fine pointed rays that are pure white on their

upper surface and a pale lavender on their under sides. And this elusive lavender, so like the blue of the Ageratum and Eupatorium, but so strangely haunting on the white petals, also makes up the center of the Daisy and brings it into a shell pink and lavender color scheme in a way that brown and yellow centers never could. And it is not only the color of its flowers but the graceful branching of the bushes and the very gray haze upon the foliage that makes Arctotis so charming in itself and such enchanting company for the more solid Asters and the spikes of the Gladioli. For such an altogether lovely plant, too, it has the most ingratiating ways. It is very easily grown in the open ground, the seeds germinating in an incredibly short time, and it loves sunny spots.

How simple it sounds in the telling: a September garden of Crego's Giant Asters, the America Gladiolus, the lavender Eupatorium, purple perennial Asters and white African Daisies! It is all so luxurious in its assembling that we take it quite for granted, as we do perfect things, and never give a thought to the taste and talent, the care and knowledge, that is the very making of a garden such as this.

WHAT MAKES A TREE FRUITFUL?

*How and Why a Tree Bears Fruit, and
How Its Productivity May Be Increased*

SAMUEL FRASER

PLANTS and animals reach a certain degree of development before they undertake to reproduce. We usually speak of this as reaching maturity, but in both plants and animals reproduction begins before the individual reaches full stature or is fully mature. The age at which it takes place varies with the species and the individual. Among plants, some take but 90 days from sowing to harvest. All our cereals—corn, wheat, rye, rice, barley, buckwheat,—may be sown and the crop harvested in a few months, and the ability to produce seed has been developed to a relatively high degree. These plants are grown primarily for their seed. They have been under cultivation for a long time. In the distant past, before history began, they were under cultivation and from then to the present day men have selected the plants which were best adapted to their purpose. The development in the past was slow. During recent years it has been much more rapid owing to a better knowledge of the laws governing heredity.

TODAY it is possible to order a certain type of plant and if given individual plants which possess the characteristics desired, to hybridize these and build into the offspring the desirable features of all parents. If it is a wheat plant, we must have heavy yielding power. We need bushels of wheat, but since wheat is used for making bread and the ability to make good bread depends upon the presence of certain substances in the wheat kernel, these must be present to a relatively high degree in the new plant. The game is not simple, because there are so many things to consider in a wheat plant. We do not eat the straw but unless the straw is strong enough to carry a big head at its upper extremity, the plant will fall down and all our work will be a failure. Some of the most ingenious work done in recent years has been the breeding of wheat plants which have strong stems. But that is a story in itself.

With our tree fruits the problem is even more complex than with wheat. It takes so long to bring an apple tree into bearing that a long life must be assured the plant breeder in order that he may see the work of his hands and mind. In some of our agricultural experiment stations a corps of workers is being put on these problems. With the continuity secured by having several men on the project, a good start has been made and much will be accomplished.

Persistence and longevity are essentials in success. Knowledge of the right path to travel is equally important.

It may take ten years to bring an apple tree into bearing and in some cases men have had Spy apple orchards growing twenty years before they fruited. Other varieties such as Wealthy bear fruit in three or four years after planting. These are the differences among varieties. It has been observed for some times that varieties which are tardy in coming into bearing in one locality, may begin to bear in half the time in another, so that before proceeding far it became necessary to try to ascertain what makes a tree fruitful.

Is there anything in the care, feeding, location or environment which causes a Spy apple tree to bear a barrel of apples when seven years of age in one place and not to bear until twenty years of age in another? Trees and men are much alike. Both are extremely complex aggregations of a lot of cells and each cell is a living, responsive entity. All must work together harmoniously if the whole body is to prosper. If certain cells get sick the whole body may feel it, and if certain important units of cells fail to function the organization dies.

IN the tree water is taken up by the roots, passes through the trunk and is transpired by the leaves. During hot weather the passage of the water through the plant tends to keep it cool. One of the problems we do not understand fully is how the water goes to the top of a tall tree. What forces operate? We know that active, pulsating cells exist throughout the length of the plant, in and from the extremity of the absorbing root to the transpiring leaf, and that it is the pumping action of these cells that gives rise to the phenomenon known as the "movement of the sap". We know that this pumping action goes on when water is not being transpired by the leaves, for in spring before the leaves appear we tap the sugar maple and gather the sap to make maple sugar. It goes on when there is no pressure of soil moisture into the roots, for in the soil itself a certain amount of pressure exists which forces the soil solution into the plant. In the plant we have motion in these cells which is the distinct reflex of nervous action. The plant is much more like an animal than we have thought and much will be learned about animal life processes from a knowledge of the processes of plant life. The trans-

mission of motion from cell to cell is quite distinct from the transfer of matter. These are two processes, just as the passage of food in the human body is one process and the working of the nervous system is another, both have a bearing upon each other but are as distinct as respiration is from food absorption, and incidentally plants breathe just as men do.

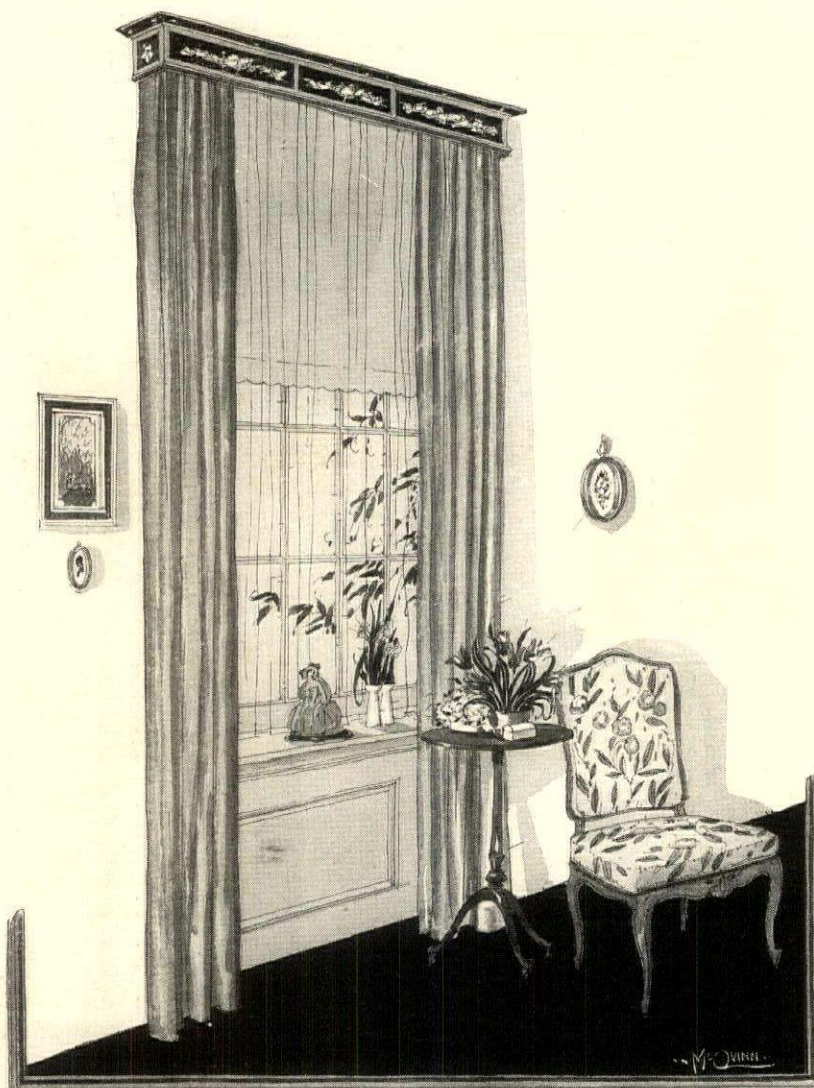
It will be evident that in plants there are many complex processes all going on harmoniously when the plant is enjoying health. We know that if the water supply fails the leaves wilt or they may fall off. Some plants are equipped to thrive on very little water, as Cacti. They have a leathery skin which gives off very little.

Some of the food which plants require is taken up by the roots—all the nitrates and the materials which constitute the ash when we burn a plant—are taken up by the plants' roots from the soil moisture, and the movement of these is through certain cells in the inner bark. The movement of these substances is independent of the water movement. Water moves anywhere through the tree. Each branch has its own roots. Food taken up by the roots of one branch feeds that branch only. If fertilizer is applied to a tree it should be spread all over the ground so that all the roots may get some. Usually the spread of the roots is at least three times the spread of the top of the tree. It is waste of time to put a little pile of manure round the trunk of the tree. The tree is not fed by the trunk.

THE function of the trunk and the branches is to hold the leaves, seeds and fruits, and to furnish a connection between them and their food supply in the soil. The shorter the trunk the less lost motion in the tree. Fruit trees with tall trunks do not reach bearing age as early as do those with short ones. It takes power to force water through a tall trunk and more power than through a short trunk, and since we shall see that reproduction does not begin until the plant has established a certain reserve of material, the development of a high head on a tree merely defers the day when the reserve will be accumulated.

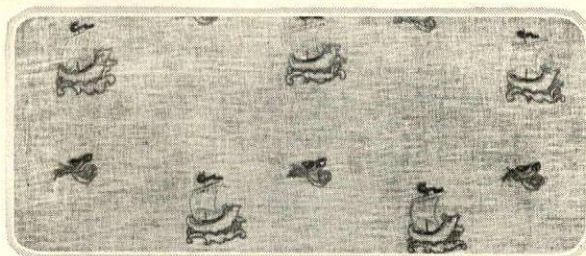
For economy, even from the plant's standpoint alone, we should keep the leaves and bearing branches as near the ground as we can. The size the specimen may be expected normally to reach must be considered in the planting. The cost of

(Continued on page 106)



The curtains above are of changeable satin which comes blue and gold, wine and gold and rose and gold, 50 inches, \$5.50. The black glass valance decorated in gold is \$15.50 a running foot. The linen gauze below has an embroidered slip design in blue, red and green wool. It would make effective curtains in an English living room. It is 36 inches, \$6.25

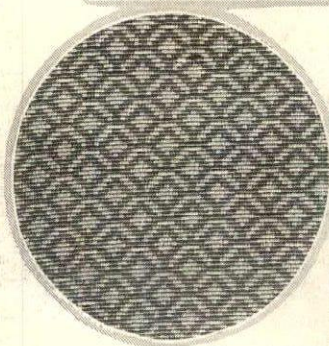
Below is a charming glazed chintz with a blue green ground and a design of bunches of primroses in blue, mauve and pink, 25 inches, \$3.25. The picture in the circle below shows an excellent material for covering chair seats—a machine made reproduction of an old needlepoint. The design is in red, blue and green on a tête de nègre ground. 50 inches wide, \$18.50



A PAGE OF NEW FALL FABRICS FOR DECORATION

Semi-glazed chintz with a Chinese pattern in blue-green, tan, apricot and yellow on a walnut colored ground, 31 inches, \$3.75. Also comes on blue, green and écru grounds

(Below left) A new linen with a decorative design commemorating Lord Nelson's victories. The ground is deep brown and the pattern is blue, green and tan. 60 inches, \$11



A heavy cotton rep, ideal for chair coverings, has an interesting small, diamond pattern. In either blue or mauve. 50 inches wide, \$6.25

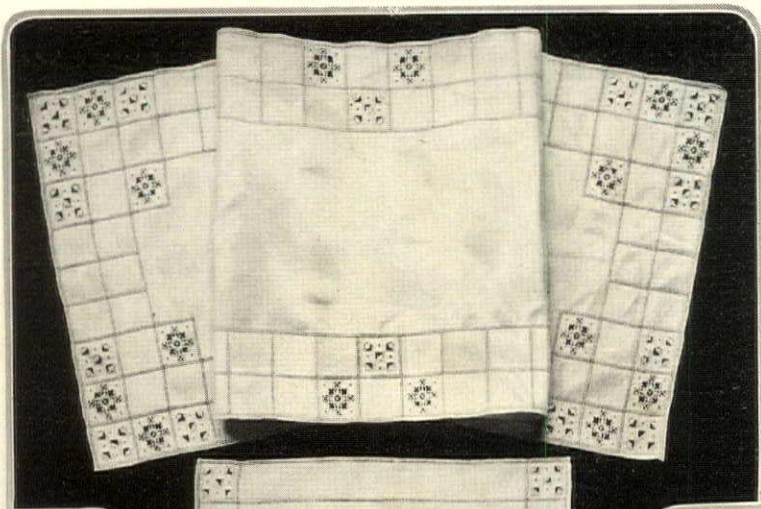


This glazed chintz would make effective shades in a sun room. The colors are coral, blue, rose and cream. 28 inches wide, \$4.65 a yd.

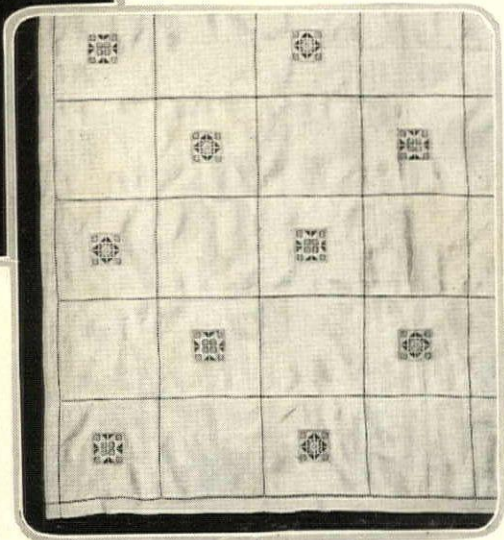
L I N E N S
A N D
L A C E S

For a refectory table comes an effective natural colored linen luncheon set with Italian embroidery and cut work. Runner 18 x 54 inches and twelve mats 12 x 18 inches. \$40.50

The table cloth below is hand made lace in a mellow écreu tone. It has the soft look of antique lace. 36 x 36 inches, \$16. 54 x 54 inches, \$35. Runner 18 x 36



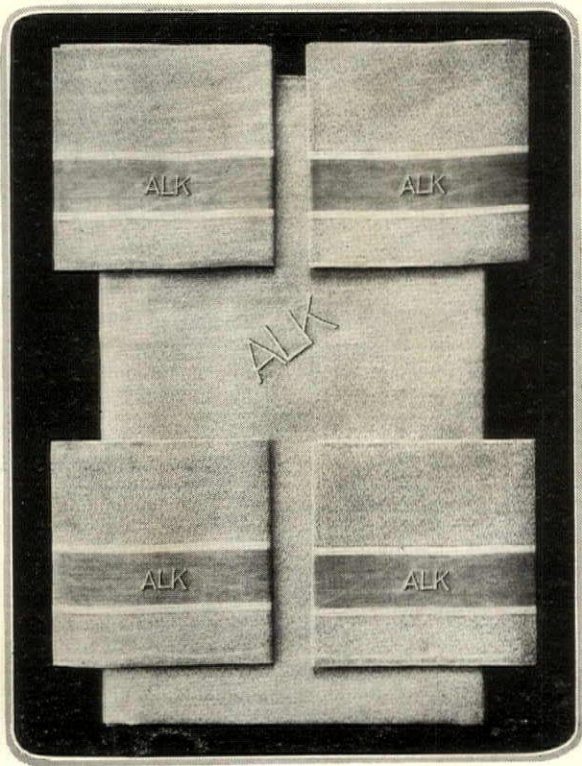
The table cloth below is linen with hand drawn work and needlepoint motifs. 36 x 36 inches, \$25.50. 54 x 54, \$45.50. 54 x 72, \$70.50. 54 x 90, \$85.50



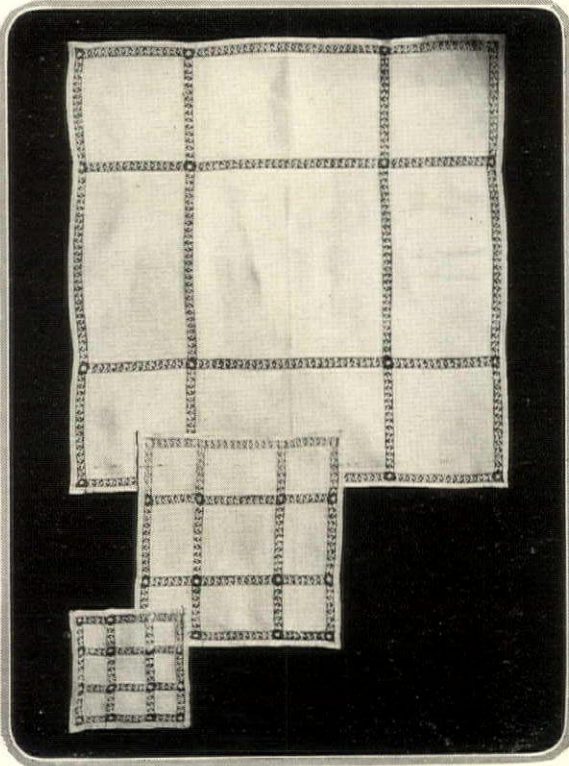
(Below) An effective luncheon set of unusual value has squares of hand drawn work and comes in either white or natural colored linen. The set consists of a centerpiece, 22 inches square, six plate doilies and six glass doilies. It may be purchased for \$15.75

Very smart are the table cloth and napkins below made of unbleached damask, écreu in color, and ornamented with a shaded monogram. Cloth 2 x 2½ yards and one dozen napkins 22 inches square. With three letter monogram, laundered and hemmed. \$53

An unusually lovely linen tea cloth has an elaborate border of hand drawn mosaic work. It is 36 inches square. With four napkins to match. \$29



This attractive finger bowl doily is of hand made filet lace with a rose design. It is 5½ inches in diameter and reasonably priced at \$4.50 a dozen



The GARDENER'S CALENDAR for SEPTEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p><i>How sweet your garden smells. Your musk and Canterbury bells. In this most sweet south wind.</i></p> <p>KATHERINE T. HICKSON</p>	<p>1. Onions, parsnips, spinach and hardy crops of this character may be sown in the open with the idea of carrying them over the winter. This can be easily done with a little protection, such as salt hay or similar material.</p>	<p>2. Prune all deciduous trees before the leaves fall, as it is much easier then to determine what part of the growth is to be removed. Cut the branches close, leaving no stubs, and paint the wounds immediately.</p>	<p>3. Melon frames and other garden accessories that will not be used again this season should be repaired, painted and put away in winter storage. When well cared for they will last for several seasons of actual use.</p>	<p>4. The last sowing of peas should be made the early part of this month, using only the hard round-seeded type, which is quick and vigorous in growth. If the ground is dry, water the drills well before sowing the seed.</p>	<p>5. Vegetables should be started in the greenhouse now for next winter's use. Cauliflower, lettuce and string beans should be sown about every three weeks. Tomatoes and Swiss chard need but one sowing.</p>	<p>6. Evergreens that are being transplanted now, or have been transplanted recently, must be kept well watered. Although top growth has terminated, these plants are making considerable root growth even now.</p>
<p>7. The flower garden should be given a final clean-up for the season. The walks should be properly edged, all weed growth and the old stalks of plants removed and burned. This will destroy many insect larvae.</p>	<p>8. Do not neglect to sow down with rye and clover the vacant patches in the garden. Sowings can also be made between corn, cabbage and other crops with the idea of remaining after these crops have been gathered.</p>	<p>9. Celery should be banked with earth now. It is best if this is attended to frequently, as the soil should never be allowed to work its way into the heart of the plant. Hold the stalks together while banking them.</p>	<p>10. Do not stop cutting the grass until all growth has ceased. Failure to do this will result in a long growth, which, when carried over the winter, will return brown in spring and be hard to eradicate when the lawn is put in order.</p>	<p>11. Evergreens that have been con-fueled growth, hedges and various other plants that are clipped frequently should be given a final clipping at this time. Do this before the foliage turns on the deciduous plants.</p>	<p>12. This is one of the best periods of the year for seed-ing down new lawns, the reason being that most weed growth is over and the grass will get sufficient start to carry it safely through the trials of winter weather.</p>	<p>13. Cold frames that can be protected throughout the winter should be used for sowing hardy vegetables like cabbage and cauliflower with the idea of carrying them over and planting early in the spring.</p>
<p>14. Before the leaves begin to fall, look the garden and grounds over carefully with an eye to changes in their arrangement. The reason for this, and how to go about it, are detailed on another page in this issue.</p>	<p>15. A great deal of our so-called winter losses, especially with evergreens, is the result of these plants being allowed to become bone dry at this season when they are developing a root system to carry them over winter.</p>	<p>16. It might be advisable to build a fire in the greenhouse occasionally. Cold nights and hot days are productive of mildew. To overcome this have the pipes painted with a paste made from flowers of sulphur and water.</p>	<p>17. Do not neglect to get cuttings of the bedding plants before they are destroyed by frost. This applies to chrys-anthemum, coleus, etc. Each variety should be kept separate, as mixed colors are disappointing.</p>	<p>18. Wire grass, rye grass and other heavy growing grasses and weeds grow very rapidly at this season of the year, and if allowed to overrun your garden they will be a serious factor to contend with next spring.</p>	<p>19. Just as soon as the foliage turns yellow on deciduous plants it is safe to start trans-planting; in fact, the earlier in the fall this is attended to the better, as the roots will take hold before cold weather.</p>	<p>20. This is peony month in the flower garden. If you want good results next year, it will be necessary to over-haul the plants now, digging up the clumps that are too large, cutting them into four pieces and re-setting.</p>
<p>21. Where heated frames are available for them, there are a number of crops that can be started at this time. Radishes, spinach, etc., or some of the cooler flowers such as violets and pansies, can be sown in the frames.</p>	<p>22. Chrys-anthemums and other similar plants that are in bud should be fed freely with liquid manures of different kinds. This operation, however, must be discontinued as soon as the buds show color and signs of opening.</p>	<p>23. It would not be amiss with late growing crops such as celery, rutabaga, carrots, parsnip and New Zealand spinach, or other crops still bearing, to apply frequent dressings of manure and occasionally nitrate of soda.</p>	<p>24. Carna-tions that were planted out may now be put in the greenhouse. The glass should be shaded slightly for several days, or until the roots have again become active. Over-head spraying is helpful.</p>	<p>25. The or-chard that is not growing satis-factorily can be improved wonderfully by the sowing of cover crops, and subse-quently turn-ing them under as described on another page. No orchard should be grown in sod.</p>	<p>26. Perma-nent pastures for grazing pur-poses should be sown at this time. Bear in mind that if properly put down, a good pasture will last for many years. Do not under any cir-cumstance plant inferior seed.</p>	<p>27. It is not too late to start a strawberry bed for next season, if potted plants are used for planting. Use pistillate and staminate types. Put in plenty of manure and a fair amount of bone meal to stimu-late strong, rapid growth.</p>
<p>28. Mush-room beds may be started in the cellar at this time. Be sure to get fresh droppings for this purpose, and by all means use new culture spawn, which is of high quality and the most dependable.</p>	<p>29. Attention should be given now to bulb planting for this season. If not already placed, orders should be sent in immediately as early plant-ing means bet-ter results. It gives the bulb a chance to form a root system.</p>	<p>30. Do not neglect the cane fruits, if they have not al-ready been at-tended to. Go over them care-fully, removing the old canes at the ground line and tying the young, vig-orous shoots into position to prevent dam-age by storms.</p>	<p>This calendar of the gardener's labors is aimed as a reminder for undertaking all his tasks in season. It is fitted to the latitude of the Middle States, but its service should be available for the whole country if it be remembered that for every one hundred miles north or south there is a difference of from five to seven days later or earlier in performing operations. The dates are for an average season.</p>			



ROBERT WHEELWRIGHT
Head of the lately or-ganized school of land-scape architecture at the Univ. of Pennsylvania



KARL B. LOHMANN
In charge of the division of landscape gardening at the University of Illinois, at Urbana, Ill.



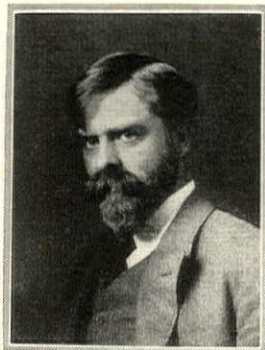
AUBREY TEALDI
A landscape architec and the professor of land scape design at th University of Michigan



F. A. WAUGH
Professor of horticult-ure and landscape gar-dening at the Mass. Agricultura College



HENRY A. FROST
Director of the Cambridge School of Domestic Architec-ture and Landscape Architec-ture, Cambridge, Mass.



J. S. PRAY
Professor of landscape archi-tecture at the Harvard School of Landscape Architecture, at Cambridge, Mass.

J. W. GREGG
Professor of landscape gardening and floriculture at the University of California



That out-of-door craving for sweets

Summer, with its outdoor life, is the ideal time for storing up surplus health and energy. And in this good work Whitman's Chocolates play a pleasant part.

The craving for chocolates after active sports is best satisfied with Whitman's, the universal chocolates, supplied at nearly all points where people gather in summer-time.

Wherever you buy Whitman's you may rest assured first of their purity and goodness, and second that they are shipped direct from the makers. They are never sold to jobbers or distributors. Be safe, say—

SALMAGUNDI
Ideal companion for out-of-doors. The handsome box of decorated art metal gives extra protection to this new and wonderfully popular assortment of Whitman's Chocolates.



Whitman's Chocolates

The Ideal Furniture Polish

Cleans
Polishes
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All In
One
Operation

JOHNSON'S LIQUID WAX

JOHNSON'S Liquid Wax cleans, polishes, preserves and protects—in one operation. It rejuvenates varnish and gives a delightful air of immaculate cleanliness wherever used. Imparts a beautiful, glass-like polish which will not gather dust and lint or show finger prints. Johnson's Liquid Wax takes all the drudgery from dusting. Easy to apply and polish.

For Beautiful Floors and Linoleum

Your Linoleum will last longer—look better and clean easier if you polish it occasionally with Johnson's Liquid Wax. It brings out the pattern and color—protects linoleum from wear—and imparts a beautiful, dry, dirt-repellent surface which washes off like a piece of glass. Johnson's Liquid Wax is the ideal polish for all your floors. It will make them beautiful—easy to care for—they won't be slippery—and will not heel print.

\$4.90 Floor Polishing Outfit-\$3.50

This Offer Consists of

- 1—Johnson Weighted Polishing Brush \$3.50
(with Wax Applying Attachment)
- 1—Pint Johnson's Liquid Wax75
for polishing linoleum, floors and furniture
- 1—Pint Johnson's Kleen Floor40
for cleaning floors before waxing
- 1—Johnson Book on Home Beautifying25

A saving of \$1.40!

\$4.90

This Offer is Good at All Stores

This offer is good at department, drug, grocery, hardware and paint stores. If your dealer cannot furnish this outfit, mail your order and \$3.50 direct to us. See coupon below.

Ask for a FREE copy of the Johnson Book on Home Beautifying at the best paint or hardware stores in your neighborhood. Or mail us 10c to cover postage and wrapping.



THIS COUPON IS WORTH \$1.40--

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"The Wood Finishing Authorities"
(Canadian Factory—Brantford)

I am enclosing \$3.50 for which please send me, post-paid, your special \$4.90 Floor Polishing Outfit.

My Dealer is.....

My Name.....

My Address.....

City and State.....



Photo by Levick

The Airedale is a big fellow whose admirers boast that he "can do anything any dog can do, and then whip the other dog"

A TERRIER FOR EVERY DAY

ROBERT S. LEMMON

THE Terriers, more than any other class of dog, fit the tastes and temperament of the American people and the exigencies of American life. Within their ranks is to be found a wide range of color, size and general appearance. None of them is too small for practical, all-around conditions, or too large to fit conveniently into either the country or the city home. One need not spend a fortune on their

daily food nor tickle their appetite with fancy candy. They are real self-respecting and respected, rugged, healthy and game to the core.

In loyalty, straightforwardness, keen intelligence the Terriers have equals and no superiors. For many generations they have been the companions and helpers of mankind, an association which has done much for the breed.

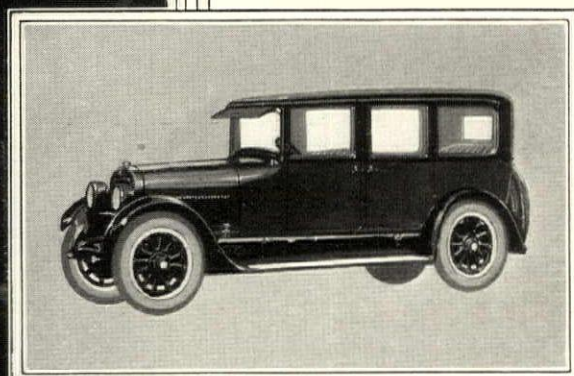
(Continued on page 102)



Another large Terrier is the Kerry Blue, rather shaggy in appearance and blue-gray in color. Rare in this country, but a splendid pal



It has been said that the Wire-haired Fox Terrier is no longer a dog—he is an institution. Other names for him might be Loyalty, Intelligence, Energy



C A D I L L A C

One quality which women deeply admire in the Cadillac is its unrivalled capacity for *remaining young*. Q By that we mean the astonishing Cadillac ability to remain mechanically fit, smooth and quiet in operation, and consistently handsome and fashionable long after other cars must be replaced. Q Incidentally, it is this enduring excellence which stamps the new V-63 as the truly economical car and makes it the wise investment for people of moderate as well as unlimited means.



Standard of the World

DANERSK FURNITURE

*Early American and 18th Century Furniture
in Maple, Mahogany, and Walnut*



A bit of our New York Sales Rooms, showing Ives Wing Chair and oval table of 1690. American design.

EVERY dollar spent for furniture beyond its mere utility value is spent for something added because of design.

If the design or form is good, then the money is well spent. If the design is mongrel, and fails to stand the test of criticism by those who understand "correct" conventions in design, then the money is worse than wasted.

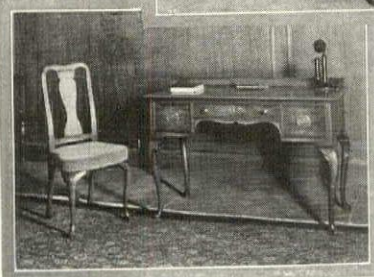
Danersk Furniture stands the test of intelligent criticism not only in design, but in its utility, comfort, and beauty of finish. Therefore it embodies the best possible values.

The original of the Ives Wing Chair, shown at the top of the page, recently sold at auction for more than fourteen hundred dollars. The Danersk reproductions sell for less than one-seventh of that amount, and yet they possess all the strength and beauty of the original.

Whether a dining room of collected pieces from Duncan Phyfe, Heppelwhite, and the English masters; a living room of choicest walnut with here and there an earlier piece of Curly Maple; or bedroom furniture of quaint and interesting character from the earliest examples of American handiwork—they are all to be found in our sales rooms in New York, Chicago, and Los Angeles.



A pair of two seat davenports flanking a fireplace gives comfort and balance, without being overpowering.



The American interpretation of the Queen Anne design has a subtle refinement of line that recommends it for present day American homes.



The Marlboro Dining Group is a collection, each piece of which is based on a recognized example of the best American cabinet making of the 18th Century.

ERSKINE-DANFORTH CORPORATION

383 MADISON AVE., NEW YORK

Opposite Ritz-Carlton Hotel

Chicago Salesrooms, 315 MICHIGAN AVE., NORTH

Distributor for Southern California, 2869 West 7th Street, Los Angeles



Quizzical, gay, bright as a button, sturdy yet small—that is the West Highland White. One of the best breeds Britain has produced

A TERRIER FOR EVERY DA

(Continued from page 100)

to develop their braininess and general character. As a result there are deeply ingrained in them the instincts of devotion, trustworthiness, guardianship and courage in defense of those whom they know. They are splendid companions for young or old, ideal watchdogs, excellent playmates for children, humanly understanding pals at all times.

Within the limits of present it is impossible to picture every of Terrier or say more than a words about each. The dozen v are shown, however, are leaders class. More detailed information them, or about others which ar included here, will be gladly sup by the Dog Mart of HOU GARDEN.



To own a Scottish Terrier is to discard all other dogs. Amazing power in small compass, backed by true Highland fire, devotion and unique wisdom

The old Manchester or Black-and-tan is coming back into deserved popularity. He is known (and rightly) as the "gentleman's terrier"



The English terrier comes with steely muscles, big heart and coat of satiny. If you want "he-dog," look up



Guests have learned to expect so much—

IN THE DRAWING ROOMS of New York and other metropolitan centers guests have learned to expect great music played by famous artists. Today, all over America, enraptured listeners hear those same artists play through the Ampico.

The Ampico places boundless resources at the modern host's command. For in the Ampico are combined a beautiful piano, a miraculous device that transports great artists to your drawing room, and an inexhaustible store of music.

At the turn of a lever your Ampico will spring into life under the touch of Rachmaninoff, of Rosenthal—or of any one of hundreds of world-famous pianists. The great man will be playing for you as truly as if he were there before your eyes. An Ampico recording of an artist's playing differs from his concert playing only in the fact that the artist is not visibly, physically present. Here is a modern miracle that is past belief—until you have heard the Ampico!

Perhaps your guests may include an accomplished pianist, who will consent to play for you. The moment his fingers touch the keyboard he will feel a keen delight in the piano's action, in its tone. For the Ampico is, first of all, a fine piano, intact for playing by hand. No detail of its construction is altered. When the ingenious device within the piano case is not in use it does not touch the strings or even the keys.

The Ampico may be had only in pianos bearing these names of enviable fame—names which for generations have stood for instruments of quality: Knabe; Chickering; Fischer; Marshall & Wendell; Haines Bros.; Franklin; and, in Canada, the Willis also. Note that the Knabe and the Chickering are two of the four great pianos in general use on the American concert stage.

Exchange your piano for an Ampico

Your present piano will entitle you to an allowance in buying an Ampico. The dealer will also be glad to arrange convenient terms of payment that will make it possible for you to secure an Ampico without any delay. Foot power models, \$795.

Electric models, uprights \$985 to \$1800, grands \$1975 to \$5000—with freight added.

Hear the Ampico!

If you have not yet heard the Ampico, you must do so at your first opportunity. Any dealer who sells any of the pianos mentioned above will be glad to have you hear the Ampico at his store.

If you are not near a store where the Ampico is sold, or if you want to know more about the Ampico before hearing it, write to the address below. You will receive a booklet descriptive of the Ampico and information as to where you may hear it.

A few of the hundreds of famous artists the Ampico brings to you

- TERESA CARREÑO
- GEORGE COPELAND
- ERNO DOHNÁNYI
- ETHEL LEGINSKA
- MISCHA LEVITZKI
- JOSEF LHÉVINNE
- SERGEI RACHMANINOFF
- MORIZ ROSENTHAL
- ARTHUR RUBINSTEIN
- GERMAINE SCHNITZER
- E. ROBERT SCHMITZ
- FANNY BLOOMFIELD ZEISLER

The AMPICO

THE AMPICO COMPANY • 437 FIFTH AVENUE • NEW YORK



The Heirloom

How frequently do we find in wills such clauses as: "I bequeath my Mahogany four-poster bed, originally the property of my great grandfather," or "I bequeath my Mahogany high-boy, given to me by my mother." Why do we so often find pieces of Mahogany furniture made the subjects of special bequests when other belongings, of far greater pecuniary value, are covered by a general provision of the will? Undoubtedly sentiment and a natural desire to bequeath specifically, one's most cherished possessions.

Every well-made piece of modern Genuine Mahogany furniture is a potential heirloom, provided it has been given a simple, transparent finish which allows its beauty to develop naturally.

The purchaser of mahogany furniture should inquire particularly about the finish which has been given to the wood.

ASK FOR AND INSIST ON GENUINE MAHOGANY



A postal request will bring our Books

"HISTORIC MAHOGANY"

"STATELY MAHOGANY"

interesting—instructive—complimentary

MAHOGANY ASSOCIATION, Inc.
1133 Broadway New York

A NATIONAL ORGANIZATION
of MAHOGANY PRODUCERS



A third-to-the-gr rough c Terrier Cairn, sm even tha West H lander. just can' loving h sigh

A TERRIER FOR EVERY DAY

(Continued from page 102)



And then there's Sealyham, a true rier of the "clo type. He holds place in dog-lo esteem by sheer around merit

Naturally enough, the Irish Terrier is sandy-red haired and prepared for anything. Also naturally, his brain is keen and resourceful



The Boston Terrier often wrongly ca Boston Bull, a true American duct. He is t compact and a t ough gentle



Last but far f least is the Smo coated Fox Ter To all practical tents he is the sh haired counter of the Wire



The Car Men Are Waiting For

No greater tribute can be paid to a motor car than this—that men will wait weeks and even months to get one.

With all this company's experience in judging motor car markets it had no idea that the demand for the Packard Eight would be as great as it has proved to be.

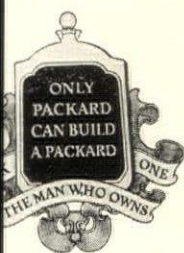
There has never been a day during the

past year when men were not waiting for their Packard Eights.

And today, despite the fact that months ago production was increased over the original estimate, men are still waiting for their cars.

Remember—you never see people lined up in front of the ticket window of a poor show.

Packard Eight and Packard Six both furnished in ten body types, open and enclosed. Packard's extremely liberal time-payment plan makes possible the immediate enjoyment of Packard—purchasing out of income instead of capital.



BERKEY & GAY FURNITURE



"The Pendleton"—a dining suite in choice mahogany delightfully expressive of a late XVIII century style as interpreted by Duncan Phyfe

Entertaining Your Guests

That inimitable poise which marks you as the successful hostess—how much it depends on a correctly appointed dining room! With proud assurance, you usher in even your most critical guests, when your dining suite is a Berkey & Gay creation. Its distinguishing quality is at once expressive of that perfect taste and correctness so inseparable from true hospitality.



This Shop Mark

is inset in every Berkey & Gay production. It is the customer's protection when buying and his pride ever after

Berkey & Gay Bedroom and Dining Room
Suites are available at prices ranging from
\$350 to \$5,000

BERKEY & GAY FURNITURE COMPANY GRAND RAPIDS

New York Wholesale Showroom: 115 West 40th Street
(Admittance by letter from your merchant or decorator)

WHAT MAKES A TREE FRUITFUL

(Continued from page 95)

spraying, dusting, thinning and harvesting our fruit trees is forcing us to restrict their size. The opportunity for skill lies in maintaining the tree in such condition that the fruiting wood is maintained as near the trunk as possible and that it shall not be only at the extremities of certain bare poles, technically termed branches.

Why does a young tree not bear fruit? Occasionally it does. Sometimes we see yearling trees in the nursery row setting fruit buds and blossoms, but this is not frequent. Usually there is no reserve of starch in such trees. There is no place to put it, even if the plant had time to make it. The ratio of the nitrogen content of the tree to the carbohydrates is high. In the case of a rapidly growing tree, on rich soil, one which is making a lot of growth and no fruit buds, the same thing is true. There is an excess of nitrogen in its make-up. In a young growing tree this is satisfactory. We want growth. However, most of us want trees to go into fruiting as soon as possible and if this is desired do not prune the young tree. Leave it alone. Let it store all the carbohydrates it can and give it a place to put them. We may have to train the tree a little. This is best done by removing a bud when it starts where it is not wanted, rather than by cutting it out after it has developed, but if not seen until too late, perhaps the branch may be better tied into a suitable shape and place rather than be cut out. Pruning young trees delays bearing. The reason for delayed bearing of many trees is that they have been overpruned. High headed trees are high headed because their lower branches have been cut off. They are necessarily tardy in fruiting. Such trees may take twenty years to get into fruiting.

POOR TREE DIETS

The other extreme from the young tree or the tree located on too rich soil is the old tree which is making little wood growth, which sets a wealth of blossoms each year, but has not sufficient vitality to set many fruits. It is suffering from nitrogen starvation. It has, relatively speaking, an excessive percentage of carbohydrates,—starches, cellulose and others in its make-up. A timely application of nitrate of soda, sulphate of ammonia, dried blood or manure, anything which will furnish nitrogen will often work wonders with such trees. Trees which are growing in sod will usually be benefited by nitrogenous fertilizers. In some cases the blossoms may be so weak that it is wise to make an application of nitrate of soda just as the leaves are breaking, so that it will be in the tree making itself felt as the tree is in bloom. Nitrate of soda is quickly available; if moisture is present it may show in the sap of the bark of the tree 24 hours after it has been applied. The nitrate will tend to stimulate vegetative growth, the development of shoots and leaves. This also may be encouraged by giving the tree a general pruning, going over it carefully and breaking off half the fruit spurs, thus throwing more vigor into those remaining. Pruning must always be done for a purpose.

A safe rule to follow in pruning—if you do not know what you are to accomplish and why you are pruning, leave the tree alone. Much damage is done—damage which takes years, sometimes ten years to rectify by so-called pruners and their pupils. They lack vision and the trees grow or worse still just exist. When pruning a young tree remember it is a child or a colt, it develops according to its years, the head of the child and the young colt is abundant, large, out of proportion, but the balance up in time. In the same way the young tree may grow up to a pole, and you may want a spreading tree. Give it time; the way to spread it may be to let it a crop as soon as it will and then open the tree and, in the case of those which are tardy in coming into bearing, some have stimulated the setting of fruit buds by tying the ends of the limbs to stakes or bending them outward and tying the ends to the trunk. A bent curved limb is exposed to the light in this way more fruitful than an upright limb that is crowding with others for light. The pruning of the old tree is for a purpose—to force new growth from the wood upon which to build fruit spurs.

THE NICETIES OF PRUNING

There is a happy medium between these extremes—a place where the tree is receiving enough nitrogen from the soil and has sufficient foliage so that it manufactures enough carbohydrates to enable it to make fruit buds. The tips of the branches make a great deal of wood growth so that each branch is able to develop fully the fruit thereon. Once the grower gets a tree in this condition it is a nice piece of work to maintain everything in a balanced state. With such trees as the cherry, plum, apple and others we believe the bearing tree should make at least 12 inches of new growth on its main limbs, with perhaps 20 inches of new growth on the ends of the leading branches, the branches should each have their own sphere of influence in the tree and not be crowded, so that fruiting wood is maintained clear into the center of the tree. Fruit buds will not form unless they receive ample light, and in the mature tree pruning may again be resorted to for a purpose. Apply this test to your tree whether or not to prune. The pruning must reach all parts of the tree in the time of the day. If it does not, do not let it. Frequently this does not mean taking out big branches, especially if the tree was properly directed when young. It means thinning out the small branches to let in sunlight. A shoot here grows upright, as if it were going to grow right through the tree, take it off, and do it while it is small. If one limb shades another, usually save the lower one, depending somewhat on the variety of tree. A spreading grower and comes to the ground easily, as Rhode Island Greening Apple does, we might remove the lower limb if very low. There may be another reason for pruning a mature tree and that is to restrict its growth. A tree may be maintained full of fruit.

(Continued on page 108)



BLACK
STARR & FROST

JEWELERS FOR 114 YEARS

FIFTH AVENUE · CORNER 48TH STREET · NEW YORK

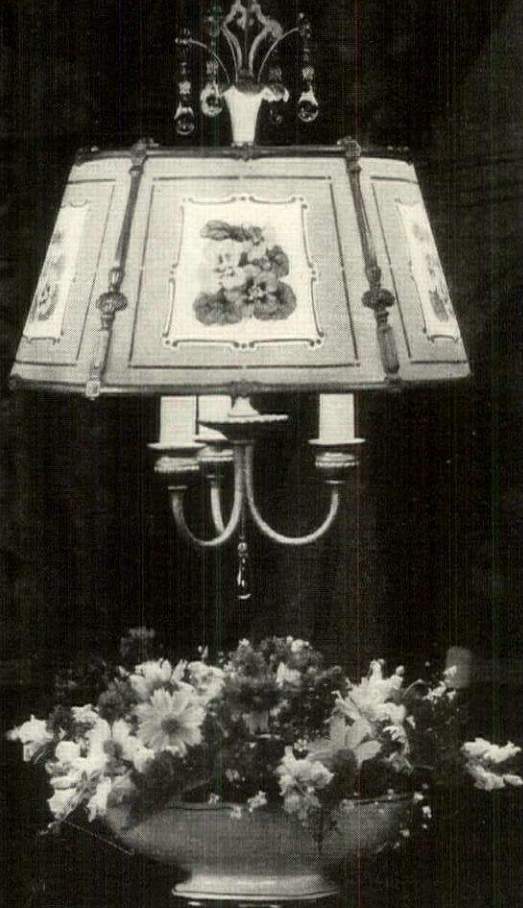
THE CHILDREN OF THE SUN . . . There was once a race called the Children of the Sun (according to an English scientist) who loved gems and pearls and precious metals beyond all things else.

This folk believed that beautiful, rare things of glint and color and sheen

were magical givers of life and inspiration.

Today our knowledge of the physical properties of gems is more scientific. But beautiful and precious jewels, collected from the ends of the earth and the depths of the sea, as ever, make their fascinating appeal to the imagination.

HANDEL



Pendant S-975

Individuality in dining-room fixtures

THE unusual, coupled with practicability and durability, is achieved in this new type of dining-room fixture. The shades of a new material—Fabrikon—are hand decorated, permanent and imperishable; soft and colorful under illumination, and possessing a daylight value that adds greatly to the room furnishings. Side wall sconces to match the pendant either in polychrome gold or silver.

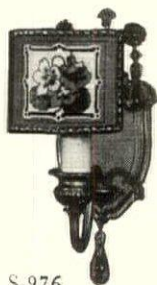
Small illustrations illustrate the side fixtures with double or single lights fitted with shades or shields as desired.

Tear-drop prisms both on the main and side fixtures add a pleasing color note. The polychrome gold bears the amber prism, and the silver fixture the turquoise.

Every Handel Lamp and fixture is stamped with the Handel name. Ask your lamp or fixture dealer or write us for further information.

THE HANDEL COMPANY, MERIDEN, CONN.

HANDEL Lamps & Fixtures



S-976



S-978



S-976

BUILDING IN WINT

(Continued from page 84)

One of the most active causes for unsatisfactory "standing" of woodwork and floors is due to this portion of work being installed before masonry and plaster is fully dried out. Woodwork, no matter how well executed in the mill and put in place in the house can soon be badly out of shape if installed against damp walls. Damp surroundings are deadly for floors, and account for buckling and board warping.

In considering woodwork, mill conditions come to mind. In the late fall mills begin to find work less plentiful and welcome new contracts. Experience has shown, that in slack times, they will devote much more care to the study of the architect's details, to the selection of materials, and to the painstaking execution of the job.

The average mill man will often take considerable pride in the execution of nicely detailed woodwork, both for exterior and interior, but in the summer, with the capacity of his mill taxed to the utmost, and a continuous clamor from all sides for deliveries, his standard of performance shows the strain, and quick completion becomes of paramount importance.

After the woodwork and finished floors are in, the time for painting has arrived, and here is another place where slowness in execution is of the greatest value. After proper materials are selected nothing is more con-

tributory to good results, than care taken in applying paint, and waiting for full drying out between coats.

When construction starts in the fall it is possible to do the filling and grading for lawns, terraces and walks. Filling done at this season has the opportunity to settle with winter freezing and thawing. As the spring settles, further material can be added and the final levels maintained in this way badly washed and graded may be avoided. The pruning of larger trees and shrubs can be done in the fall so that the following summer will show a greater degree of finish than can be achieved with spring planting alone, doing the moving in is about to take place.

Another advantage of moving the new house in spring, rather than in the fall, is the opportunity during the winter for careful planning of interior decorations.

Most people are out of the house in the summer, and unable to carry on the work of purchasing furniture, rugs and carpets. During the winter, with visits now and then to the building, the character and size of the rooms can eventually be visualized. Then with study of a set of blueprints at home, the furnishings can be fully schemed out, and the period of some months, the city is quiet for just what is wanted. Nothing has to be bought under pressure.

COLOR WISDOM for the SMALL HOME

(Continued from page 72)

Living Room

Pale blue walls.
Furniture the color of hall staircase.
Furniture coverings the color of hall walls, binding narrow pale blue tape.

Dining Room

Pale yellow walls.
Furniture the color of living room walls.
Furniture coverings a deeper yellow, binding narrow dark green braid.

The bed-rooms are to have medium yellow walls throughout. The furniture, a medium blue. The room with a sunny exposure is to have coverings the color of the walls. The room

without sun, coverings of a pale yellow. The floors and kitchen to be treated in the same manner as the first house. The rugs are to be of a light color.

The curtains throughout these houses are to be made of cream cheese cloth and bound with narrow blue tape or ribbon. The windows are to have pale blue shades, blinds, and outside shutters of medium green.

If rag or hook rugs in pale blue color combinations are not available, dark green carpet rugs will be found satisfactory.

All lampshades and electric shades throughout the house are to be made of inexpensive pink paper with a pale yellow paper. By having all shades alike one obtains a cheerful and flower-like effect in lighting. It has been found that any illumination tempered by pink and yellow is most alluring light in the room of primary colors.

WHAT MAKES A TREE FRUITFUL

(Continued from page 106)

strong fruiting wood by carefully heading back some of the branches and the top ones of the tree in proportion, making all cuts at a point where there is a smaller thrifty shoot ready to continue growth. In some varieties, as Wealthy, this is one way to prevent the tree from getting too full of weak fruiting branches. It is but another way of maintaining the right balance between the vegetative and reproductive forces, which is so vital a factor in tree success.

With the objective clearly in view, the policy by which it may be attained may be outlined. It may be pruning

or fertilizers or more tillage, but one thing may be considered. All the soil ameliorants and manure management are means to an end—the maintenance of the tree in a fruiting condition. There are many factors—light, heat, soil, weather, health and disease—and in addition there is the inherent ability of the plant itself to multiply and reproduce its kind, a factor of extreme importance to those engaged in plant breeding, and of no small importance to the one who hopes to make a crop from growing fruits or any plant.



HAUGHTY YOUNG LADY (to her dog): DOESN'T IT BEAT ALL, GIN-GIN, HOW CARELESS MEN CAN BE ABOUT SOME THINGS?

[*Listerine used as a mouth wash quickly overcomes Halitosis (unpleasant breath)*]



Wax your floors this easy way —they'll never need to be refinished

FLOORS once finished with Old English Wax have this outstanding advantage: once waxed, they never need to be refinished. Touch up the walk-spots once in a while, and there you are! Such floors are beautiful the day you wax them, and their beauty mellows with each passing year.

Why millions use it

Old English Wax is used in millions of homes for two good, sufficient reasons: First, the beauty of its lustre is a thing unto itself. Secondly, it goes farther, lasts longer. Its surface is hard, though its lustre is soft. It won't scratch, it won't "heel-mark." As for its cost—that's about a third of other finishes . . . and when you use the Old English Waxer-Pol-

isher you practically cut your work in the same proportion.

You don't bend or kneel

Use Old English Wax and the

Old English Waxer-Polisher if you want to be really up with the times. This wonderful labor - saving device does both waxes and polishes. It obviates kneeling. It glides over the floor. It's low in cost and lasts a lifetime.

Use Old English Wax, anyway, even if you apply it with a cloth! For Old English Wax is in a class by itself, and if you use it your

floors will be in a class by themselves.

Old English Products are sold at paint, hardware, drug, housefurnishing, and department stores.

FREE TO YOU

You will receive a can of Old English Wax free if you buy an Old English Waxer-Polisher now. This new labor-saving device does two things—it waxes, then polishes the floor. It's a great improvement over any weighted brush, which does not apply the wax, but merely polishes. Lasts a lifetime. Take advantage of our short-time offer. If your dealer can't supply you, mail the coupon below.

THE A. S. BOYLE COMPANY, CINCINNATI, OHIO. CANADIAN FACTORY: TORONTO

Old English Wax

PASTE LIQUID POWDER
FOR FLOORS, LINOLEUM, WOODWORK, FURNITURE, DANCING

Send for this Valuable Book—Free

It is full of home-beauty secrets and authoritative information on how to beautify and care for floors, linoleum, woodwork, furniture, etc.—all, in fact, that we have learned in twenty-eight years, condensed into easy reading. A valuable reference book. Mail the coupon.



THE A. S. BOYLE COMPANY, 2111 Dana Avenue, Cincinnati, Ohio

☐ Check here for free book only

Send me your free book, "Beautiful Floors, Woodwork and Furniture—Their Finish and Care."

☐ Check here for Waxer-Polisher

Send me, all charges paid, an Old English Waxer-Polisher with a can of Wax Free at the special time-limited price of \$3.90 (Denver and West, \$4.25; Canada, \$4.50; Winnipeg and West, \$5.00), which I enclose.

Name.....

Address.....

LOG CABIN FURNITURE

(Continued from page 93)

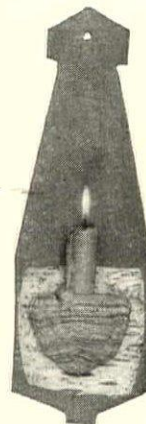
to the nearest country sawmill—be it an established mill or one of the portable variety. He probably has more or less ability as a carpenter and joiner and achieves more artistic and comfortable effects from his material. His chair bears evidences of some idea in design—like the lazy-back chair illustrated—and his tables are of good proportions and are substantial.

Even though your furniture maker achieves the highest class, the third degree, of artistry in his cabinet work—that of Brace and Bit and Native Timber creative genius, he is likely to depend for much of his material upon the aforementioned country saw mill. Here he prowls about for cast-off or discarded slabs of rich brown barked wood (for of such bits pieced together is a most artistic kindling box at Trailsyde Studio Cabin). If he can then explain to the mill men, he makes sure that there is, in the lot he orders, a generous supply of the first run after the slab or rounded slice is taken off. These boards or planks with the bark still on them in places are the cheapest run to buy and lend themselves to extremely artistic effects when stained.

Nor does he forget to stop at the Village Smithy's (beneath the spreading white pine tree) and ask about the children, or discuss the latest local election. Incidentally, he will then suggest that the smith is the only man in the world who can put the finishing touches upon the cabin by furnishing hand-made hardware . . . , "something like this in the way of a latch"—pushing a sketch toward him. Or better yet, the smith may have ideas of his own that can be worked out to even more artistic effect at his forge. Most of the smiths up in our country are products of experience in by-gone lumber camps and can be safely left to their own devices.

CABIN HARDWARE

In our prowlings about with pack sack and canoe, by-the-bye, we have been amazed and delighted with the rough beauty of the strap hinges and latches on these old time camps. So with our particular smith in the nearest village we suggest that he "hammer us out something like the latch and hinges on the old camp at Stump River." A really clever craftsman in iron will be no end of help in making your place beautiful. Our fire dogs, tongs, poker, cranes as well as our latches and hinges were fashioned by



Vary the outline of the sconce panel if you want especially interesting effects

our friend the smith at Grand Mill who has also turned out delicate black wrought ironwork in candle brackets, sconces and lamp brackets.

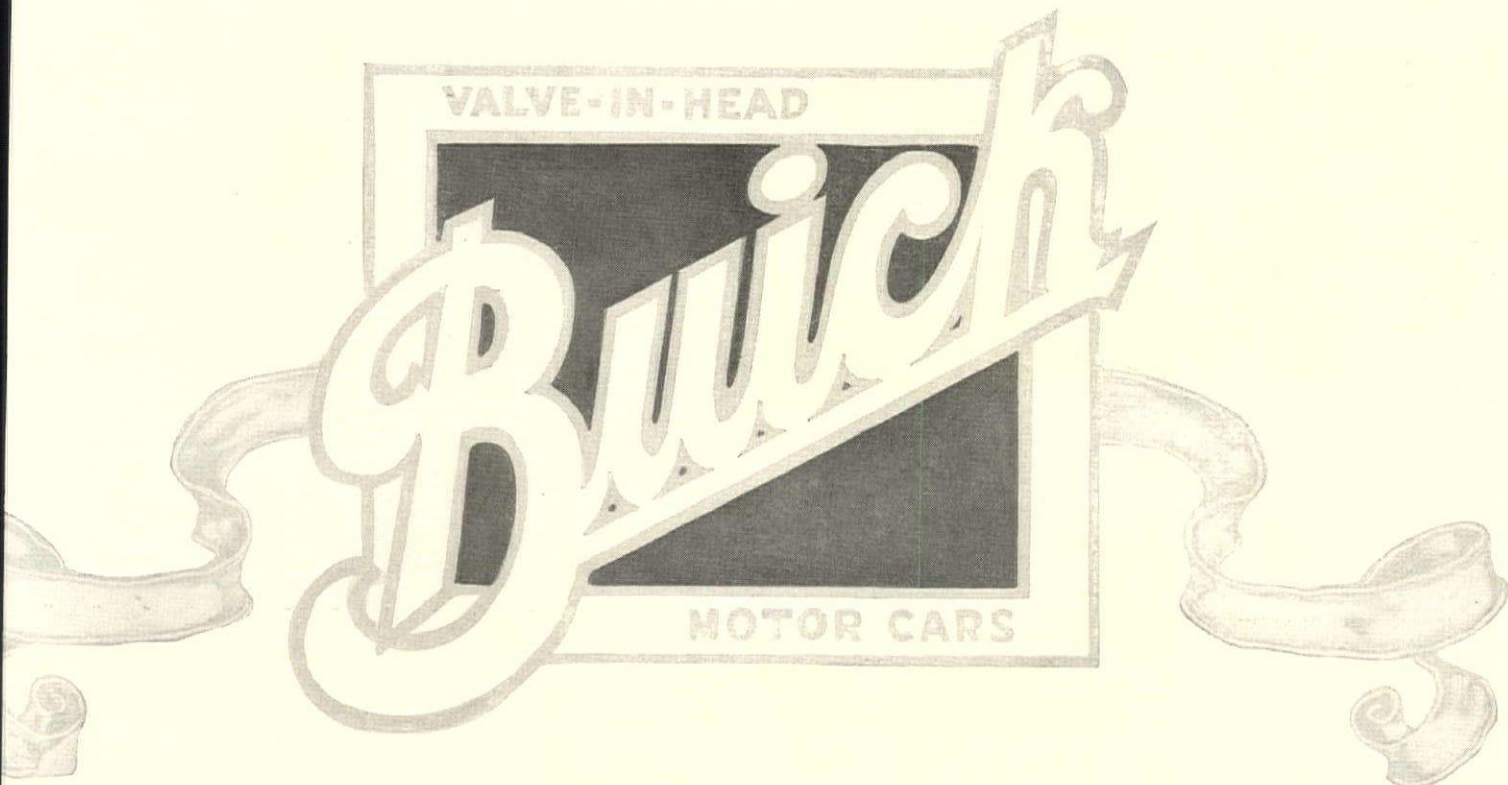
After you have decided to the class you belong, and where your material is to be found, determine what furnishings your cabin needs or at least what needs you must supply—and save money by making your mill order one hauling.

There is no limit to the number of pieces of furniture which can be formed out of the saplings native to your place if your patience and lumber hold out. According to the amount of these, your fancy ranges from the three or four stools to chairs of all sorts and descriptions—even a chaise longue, a pull out settee-davenport; from most ordinary table with a drop leaf each corner to refectory boards of intricate workmanship and broad of design; from the simplest stools (that are at least straight enough to keep the dishes from sliding off the buffet to which you can point pride. As to benches—with or without backs—woodracks or box seats, trees, washing-stands, four beds, book shelves and fireside—these are cabin commonplace your wife will undoubtedly be can be tossed off as a moment's work. At least that is my personal experience with wives.

THE TOOLS

Now, as for tools needed to the simple sort of furniture desired here: A brace and bit or augur, hammer and saw, and a good file for whittling—these will take far. Heavy casing nails for putting the saplings after they are driven the holes will be needed and a driver and screws of various kinds if board slats are to be utilized the backs of chairs and benches. While it is possible to hew out a plane off directly from your own the planks for table tops and settees, you will save time and probably achieve a better effect in iron dressed boards from your mill. The simplest articles of furniture and the most quickly made stools, and these, though makeshift, may be wrought with a sufficient artistry to enable them to keep near the fire place even after elaborate furniture is designed and worked out.

(Continued on page 114)



23 New Buick Models at prices that make them the *greatest* motor-car values ever offered

Open Models

Standard Sixes

2-pass. Roadster	-	-	-	\$1150
5-pass. Touring	-	-	-	1175

Master Sixes

2-pass. Roadster	-	-	-	\$1365
5-pass. Touring	-	-	-	1395
7-pass. Touring	-	-	-	1625
3-pass. Sport Roadster	-	-	-	1750
4-pass. Sport Touring	-	-	-	1800

Closed Models

Standard Sixes

5-pass. Double Service Sedan	\$1475
5-pass. Sedan	1665
4-pass. Coupe	1565
2-pass. Double Service Coupe	1375

Master Sixes

5-pass. Sedan	-	-	-	\$2225
7-pass. Sedan	-	-	-	2425
5-pass. Brougham Sedan	-	-	-	2350
2-pass. Country Club Special	-	-	-	2075
4-pass. Coupe	-	-	-	2125
7-pass. Limousine	-	-	-	2525
Town Car	-	-	-	2925

Enclosed Open Models

(With Heaters)

Standard Sixes

2-pass. Roadster	-	-	-	\$1190
5-pass. Touring	-	-	-	1250

Master Sixes

2-pass. Roadster	-	-	-	\$1400
5-pass. Touring	-	-	-	1475
7-pass. Touring	-	-	-	1700

All Prices f. o. b. Buick Factories. Government Tax to be added.

BUICK MOTOR COMPANY, FLINT, MICHIGAN

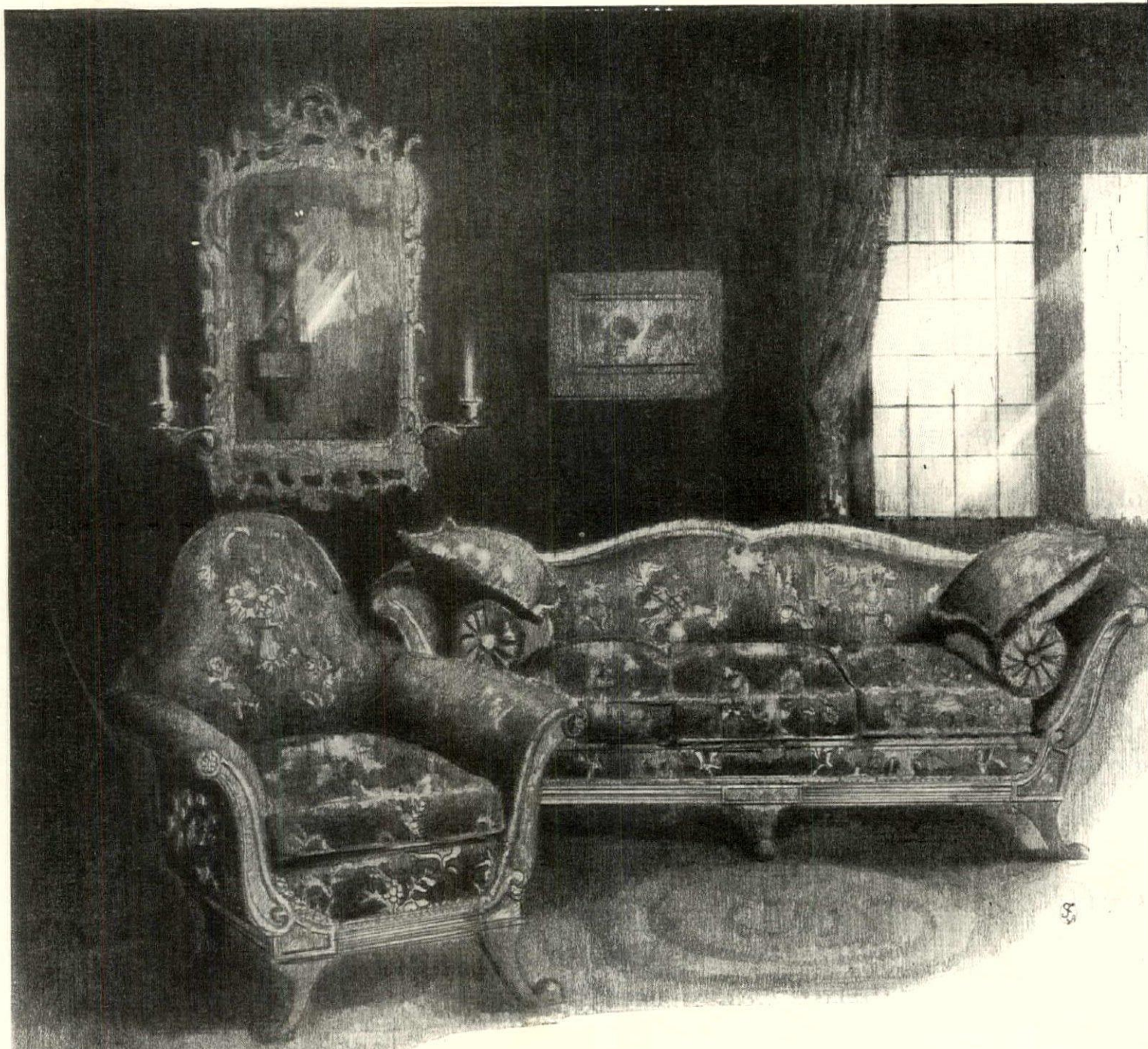
Division of General Motors Corporation

Pioneer Builders of
Valve-in-Head Motor Cars

Branches in All Principal
Cities—Dealers Everywhere

Canadian Factories: McLAUGHLIN-BUICK, Oshawa, Ont.

WHEN BETTER AUTOMOBILES ARE BUILT, BUICK WILL BUILD THEM



HE great American designers of the 18th Century, out of the heavy classicism of the First Empire, developed the American Colonial, a style which, for the elegance of its simplicity, has never been equalled.

The Elgin A. Simonds productions here pictured are exquisite interpretations in the correct mahogany of this period,—the favorite of American home lovers.

The "*Dealer of Distinction*" in your community will gladly show you Elgin A. Simonds pieces suitable for your home, each one of which is a masterpiece in the interpretation of furniture style.

ELGIN A. SIMONDS COMPANY
SYRACUSE, N. Y.

NEW YORK

CHICAGO



SIMONDS

*Individualism
in Good Furniture*

"Hartford-Saxony" Rugs

Made exclusively by the Bigelow-Hartford Carpet Company at their mills in Thompsonville, Conn.



The supreme achievement of a century's experience

THE Bigelow-Hartford Carpet Company has been manufacturing floor coverings for nearly a century. It now is the largest producer of high-grade rugs and carpets in the United States, and one of the largest in the world. The plant shown above has a capacity of about ten million yards, and another at Clinton, Mass., over two and a half million yards annually.

These great mills make many different kinds of rugs and carpets, that have earned a national reputation for high quality, unexcelled beauty and remarkable durability. Preeminent among these stands the "Hartford-Saxony," a fabric of such unusual sturdiness that rugs purchased a quarter-century or more ago, and given

constant hard usage, are still good.

"Hartford-Saxony" rugs are the highest achievement of rug-weaving in America. Their soft, resilient pile is fully three-eighths inch deep, made of heavy yarns produced from the finest imported wools.

More yards of "Hartford-Saxony" rugs and carpets are used in public rooms and corridors of leading hotels in America, than of any other fabric made in this country. Now these rugs are being produced in an increased number of designs suited to home use. Their delightful resilience underfoot, and their soft, blending colorings adapt them to any decorative scheme; their phenomenal durability fits them to withstand the most severe wear.

Look for the name "Hartford-Saxony" woven in the back of these rugs as a guarantee of quality



Bigelow-Hartford Carpet Company

ESTABLISHED 1825

Mills at Thompsonville, Conn., and Clinton, Mass.

NEW YORK	CHICAGO	BOSTON	PHILADELPHIA	SAN FRANCISCO
385 Madison Avenue	14 E. Jackson Blvd.	99 Bedford Street	1015 Chestnut Street	770 Mission Street

Upon request to our New York office, we will send you, without charge, a sample of the "Hartford-Saxony" fabric, a set of fifty color-plates of the most popular designs and colorings, and two beautifully illustrated booklets.

"Hartford-Saxony" rugs are made in twenty-eight stock sizes, from 22½ in. by 36 in. to 11 ft. 3 in. by 24 ft., and special sizes can be made to order. East of the Mississippi River, a small size, 27 in. by 54 in., sells for \$14.75; a room size, 9 ft. by 12 ft., for \$130.

If you have any difficulty in procuring "Hartford-Saxony" rugs, our New York office will see that you are supplied. At any of our showrooms, the full line will be shown gladly.

Window shades that after years of service hang smooth, unfaded in the light!

WHAT a beautiful thing a tastefully decorated window is! And how important! Bright, it catches your attention first. The dominant note in the room, it gives the *motif* with which all things must harmonize.

Here, because of the light shining through, imperfections are doubly conspicuous.

And it's in your window shades that defects are most likely to appear. Streaked, stained, faded, full of cracks and pinholes, hanging awry, the note they strike may all too soon become a note of shabbiness—for the whole room!

You can effectively guard against this disappointment.

Lasting beauty for a few cents more

In window shades of durable Brenlin, there is *lasting* beauty for your windows. And Brenlin costs but a few cents more than ordinary shade cloth. Unlike ordinary shade cloth, Brenlin has no brittle filling of chalk or clay to break and fall out, causing unsightly cracks and pinholes that show in glaring relief against the outdoor light.

Strong and flexible, much like finely-woven linen, Brenlin has weight and body enough in itself to keep it always straight and smooth.

It resists the constant strain of rolling and unrolling, the jerking and snapping of the wind. Rain will not discolor it as it discolors shades of inferior quality. And its beautiful hues, applied by hand, resist fading in the sun.

Brenlin wears two or three times as long as the ordinary shade. It may be had in soft, rich colors to harmonize with every interior scheme. Brenlin Duplex, with a different color on each side, will blend with both interior and exterior.

Be sure it's Brenlin

The name Brenlin is embossed or perforated on the edge of every Brenlin shade. If you don't know where to get Brenlin, write us. And write today for our interesting booklet, "How to Shade and Decorate your Windows." Sent free with samples of Brenlin in different colors. Address Cincinnati.

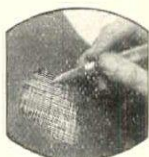
THE CHAS. W. BRENNEMAN COMPANY

"The oldest window shade house in America"

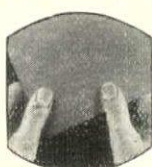
2045 Reading Road
Cincinnati, O.

6th St. at Chelton Ave.
Camden, N. J.

HAND MADE
Brenlin
the long-wearing
WINDOW SHADE material



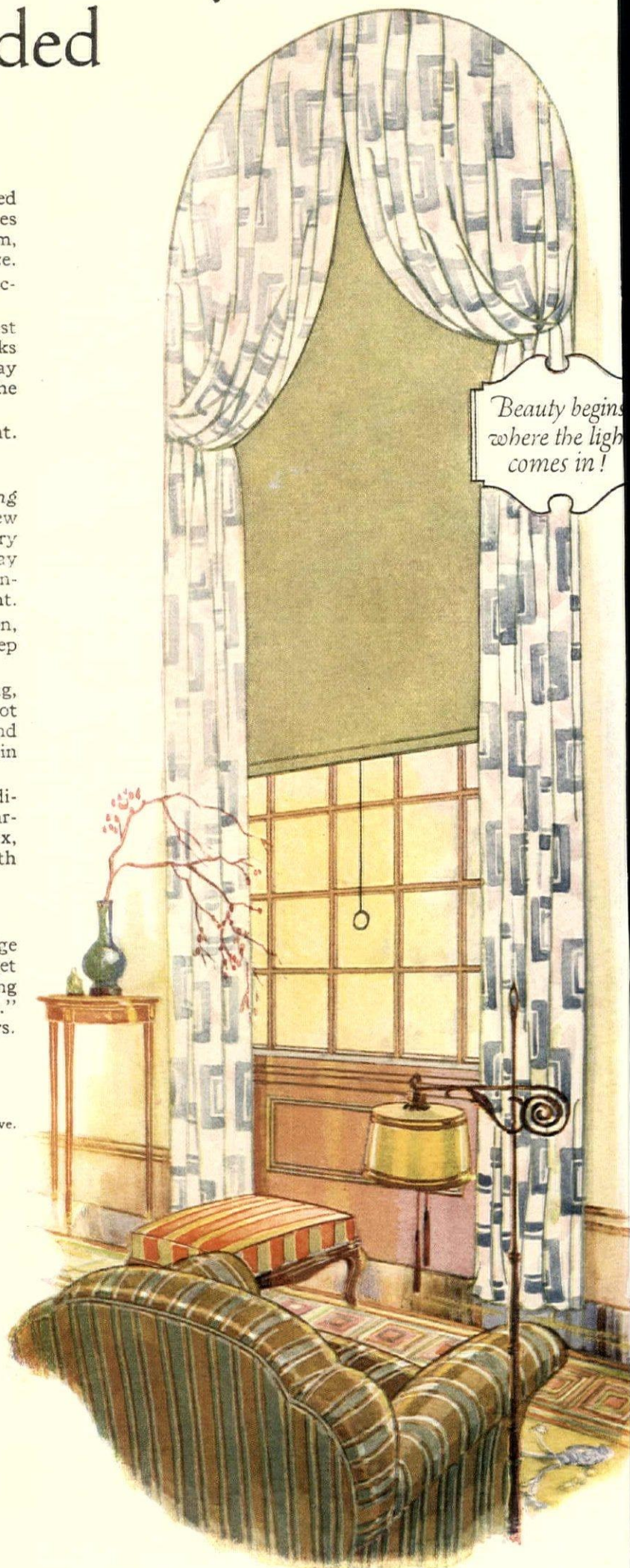
Scratch a piece of ordinary window shade material lightly. Tiny particles of chalk or clay "filling" fall out. BRENLIN has no filling. It out-wears several ordinary shades



For beauty of appearance, long wear, and smooth operation, every yard of Brenlin is hand-finished by experts

Dealers may also be supplied by:

Breneman-Horan Co., Inc.
New York City, N. Y.
Breneman-Paschall Co., Inc.
Dallas, Texas
Brenlin Window Shade Co.
Los Angeles, Calif.
The Breneman-Sommers Co.
Portland, Oregon
S. A. Maxwell & Co., Inc.
Kansas City, Mo.
Rasch & Gainor, Baltimore, Md.
Renard Linoleum & Rug Co.
St. Louis, Mo.





Style—Pep—Performance

THERE is a pride of ownership in the Jordan that reveals a love for things that really count—like a wonderful thoroughbred horse—like old money—old treasures—good taste without display and judgment that is rare.

A car of striking beauty on the road—it thrills you with its gratifying style—crowds your pulses with the urge of power and satisfies your need for a reliable companion.

Economy, of course—in tires

and gas and care—the successor of the old fashioned, bulky car of other days.

It is a delight to drive on busy errands in the traffic—balanced as every good car should be—a friendly pal for business and your freer hours.

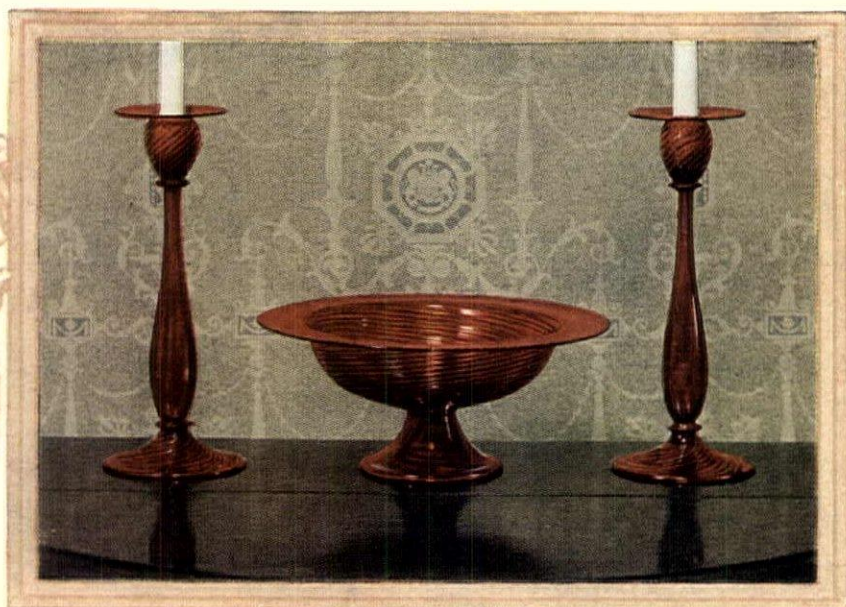
It is a car for a man's man—that's certain—or for the girl who loves to ride, to swim, to paddle and shoot.

Jordan cars are chosen by those who being imitated much, must ever display cautious judgment.



JORDAN

JORDAN MOTOR CAR COMPANY Inc., Cleveland, Ohio



Steuben Furnaces excel in those superb colors which are the glory of historic glass, and the despair of many modern glass makers. This console set would grace a Colonial room with distinction.

Glass — the new, refreshing note in decoration

There is scarcely a room in the home which Steuben Glass does not make more expressive of good taste. The severe console table is enlivened by the warming touch of Steuben Cerise Ruby . . . the lamp base problem is happily solved by a glorious Cobalt Aurene vase of simple contour.

Table service assumes a festive air when Steuben plates and quaint goblets glow in pools of soft light cast from slender candlesticks . . . and if you are seeking the final touch of daintiness for your dressing table,

let your choice be a pair of sparkling Steuben perfume bottles or a capacious powder box.

All these lovely things, and others equally useful, are blown and modeled by honest handcraft, in graceful shapes and rare colorings. Each original Steuben piece bears the signature *Steuben*, which identifies it to the purchaser.

At glass and china shops, department stores, gift and jeweler shops, you will find many Steuben designs very appropriate for gifts—and quite sure to be welcomed by the recipient.

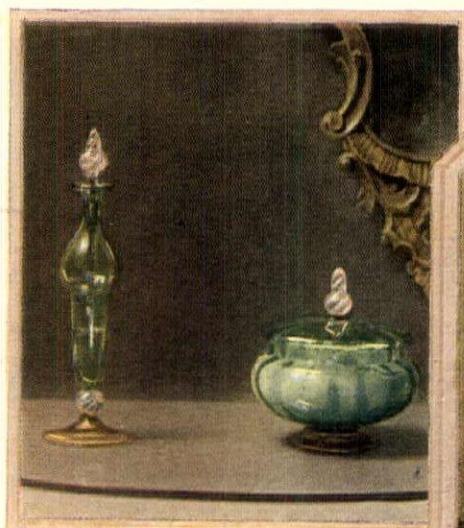
Write to Department H, and we will send you a little suggestion book to aid you in selection

STEUBEN GLASS

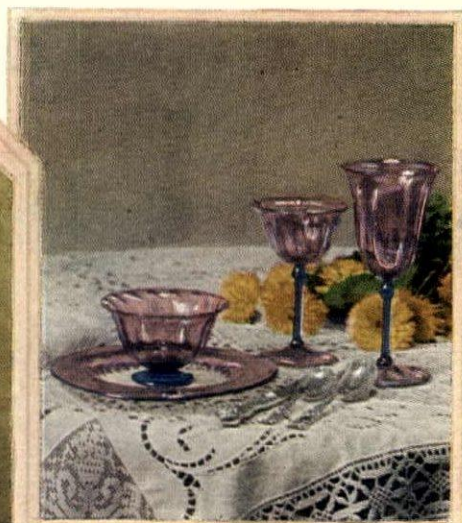
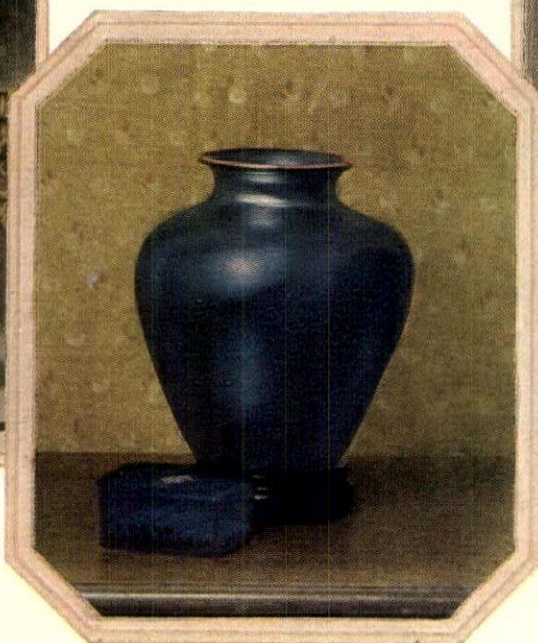
Blown & Modeled at STEUBEN FURNACES, CORNING GLASS WORKS, Corning, N. Y.

*Aurene Glass by Steuben takes full-
breed of the decorative principle that if
texture's the thing, then
form had best be simple.*

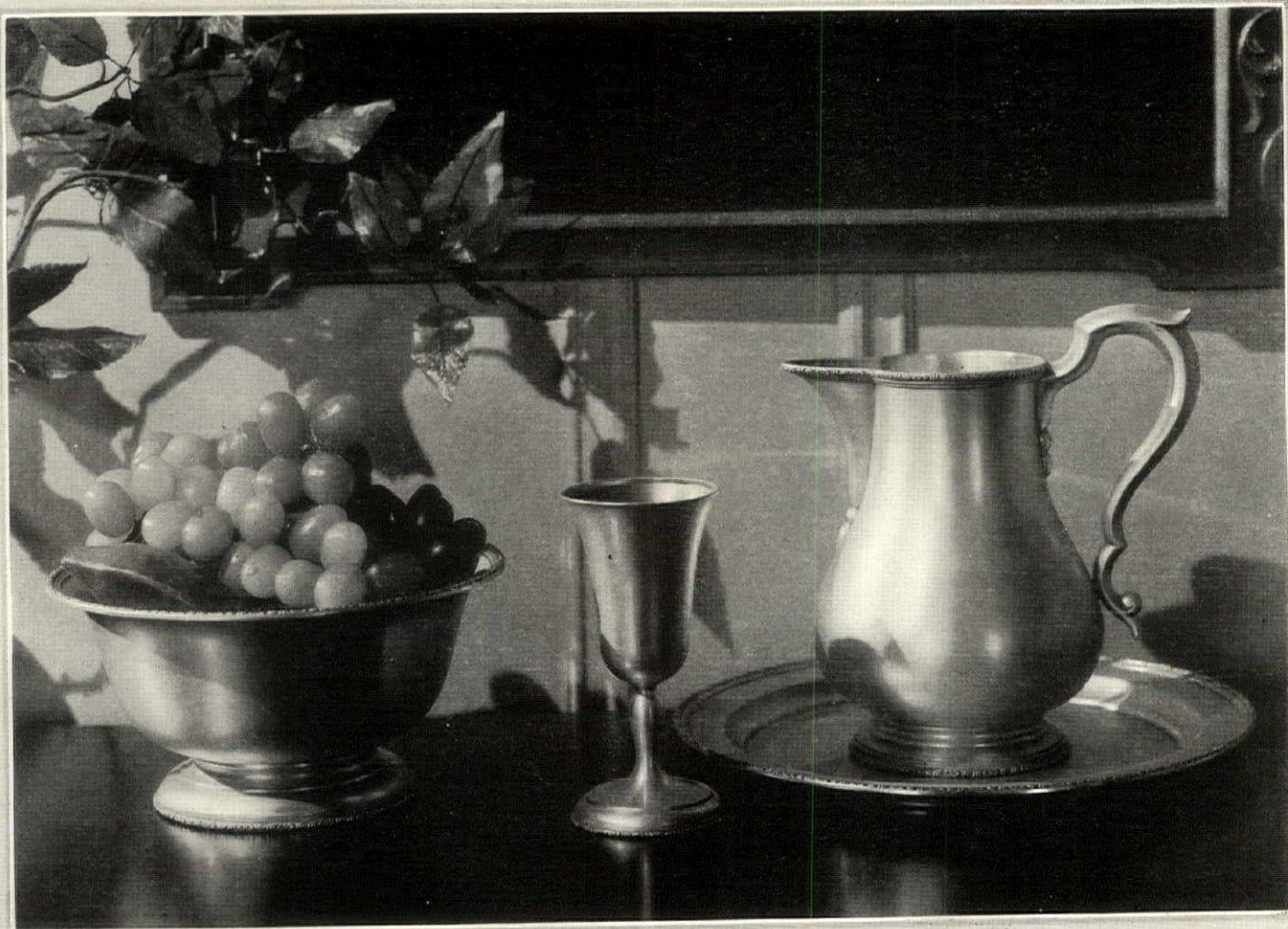
*The iridescent splendor of Aurene is so
cunningly achieved, that each piece
is unique in its striking
color sheen.*



Useful things for the dressing table — cigarette boxes—bonbon dishes—jam jars—flower vases —little Steuben pieces that are helping to banish the what-shall-I-give bugaboo.



The interesting use of glass at table by many leading decorators has been widely commented upon. Nothing graces service with quite as refreshing an air as brilliant and colorful glass.



STERLING SILVER 925/1000 FINE

"Treasure" Solid Silver Beauty that Endures

THE increasing vogue of "Treasure" Solid Silver in dining rooms, on console tables, in halls, on library tables,— wherever good taste expresses itself elegantly— cannot be attributed to honest worth alone. The growing recognition of solid silver's place as an emblem of graceful living is notable. But the chief reason for "Treasure" Solid Silver's great popularity is the supreme artistry and museum-like authenticity with which enduring period designs have been moulded into silver beauty.

The William and Mary Style is one of the latest designs. Its beauty finds its origin far back in the days of our forefathers, in the closing years of the seventeenth century. Its authentic source assures its correctness and permanent good taste.

Brochure on Request

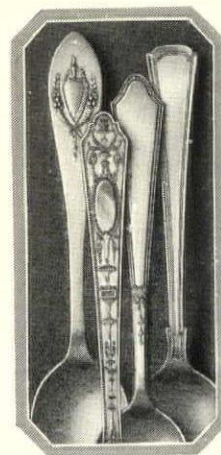
ROGERS, LUNT & BOWLEN CO.

14 NORWOOD STREET

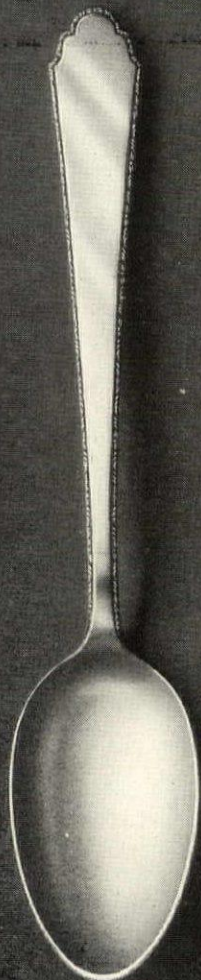
Silversmiths & Creators of Distinctive Tableware
GREENFIELD MASSACHUSETTS



*A few of the other
patterns made in
"Treasure" Solid Silver*



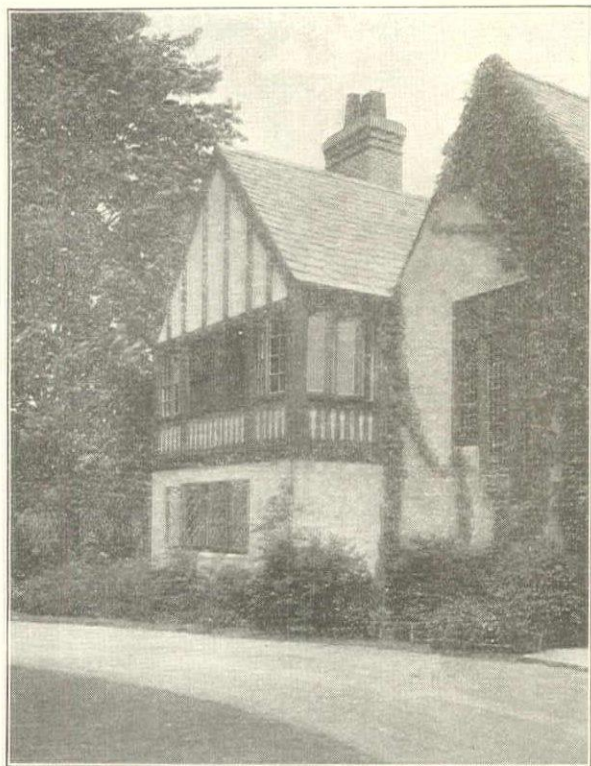
*Mount Vernon, Adam Style,
Chateau Thierry, Cortland*



The William and Mary Style

LOG CABIN FURNITURE

(Continued from page 110)

Residence
Charleston, W. Va.Dennison & Hiron
Architects

Tudor Stone Roofs

IT IS unfortunate that black and white photography leaves so much to one's imagination, for it is difficult to appreciate how much the softly blended color tones of this Tudor Stone Roof enhance the beauty of this home.

Tudor Stone is a product of our Vermont slate quarries, whence it is mined in an infinite variety of colors and tones. This with its interesting texture and fire proof qualities, makes it the ideal roofing material for almost any type of residence. Each roof is specially designed by us in conjunction with the owner's architect.

Our Architects' Service Department, under the personal direction of Mr. Walter McQuade, a practicing architect, will gladly cooperate with you and your architect in planning a Tudor Stone Roof.

Rising and Nelson Slate Company

Quarries and Main Office: West Pawlet, Vt.

Architects' Service Department

101 Park Avenue, New York

BOSTON

PHILADELPHIA

CHICAGO

A short section of log is split in two and hewn off smooth for the top side of the stool while the under or rounded side has holes bored in it slantwise so that the legs will splay or straddle when inserted. This can well become a unit design for a good-looking chair if the log chosen be sufficiently wide for two holes to be bored slantwise in the topside also for splayed uprights to be inserted. These form the solid verticals to which cross pieces are attached to make a comfortable back for the tired vacationer. These pieces, by the way, may be scrolled instead of plain crossbars—in imitation of the ladder-back chairs of our great-grandmothers. A plank seat can be utilized in the same way instead of the log section. The pitch of the seat and the splay of the back are the secret of comfort in a camp made chair.

In setting the legs in, make the holes an inch to an inch and a half in diameter. It is best to select a length of sapling of greater diameter than this and whittle the ends to drive into the hole. This makes also for stability. The lengths of these pieces are adjusted for height by your artistic sense unless you have measured drawings, and you may have more than one trial before you are content. A stool is quainter if lower than a chair, and it is level on the topside.

CHAIR DIMENSIONS

A chair seat is 15 to 18 inches from the floor depending on whether or not you plan to use a cushion on the seat. The seat of a chair built for comfort is pitched from one to two inches toward the back: that is, the back edge is lower than the front edge by that amount. A comfortable back extends 18 to 22 inches above the seat and except in the case of a table chair it is splayed or pitched back. Chairs or benches for the table are usually level in seat and straight of back.

Table height is conventionally 30 inches and the seat level for this, in chair or bench, is generally 18 inches. If the table is to be utilized for camp mess, it may be found more convenient to have the benches without backs for either side and the full length of the table, with chairs only at the ends if used at all.

This type of bench is most easily built like an elongated stool—but as half a log is a bit unwieldy, if long, for moving about it is advisable to make your table bench of plank or boards. Select 10 to 12 inch boards the length of the table, and under each end of one of these set slantwise a section of board about 18 inches long, in place of the set-in legs, using cleats under bottom side of bench. These small board sections on either end of the seat plank are adjusted to proper height by placing them six to eight inches from the ends of the seat and splaying them six to eight inches out. They are held rigid by two narrow boards attached to sides of these uprights directly under the bench top or seat. These side and end pieces can be cut or scrolled into any artistic shapes, curves and arches that fancy dictates. However, an inverted V cut up into the standards to simulate

tapering legs suffices for all but most ambitious workman.

In making a table, the purpose which it is to be utilized will necessarily determine its dimensions less than the conventional height in inches. Having decided on the your table top, cut the plank or board accordingly and fasten together the underside by battens or straddle board with screws from under. A strip of screeds board two to three inches wide as an apron or drop is then set from two to three inches from the edge all around and secured into cleats.

In selecting pieces for legs, secure straight saplings—birch excellent—fairly even of diameter right proportion to the table top. A 3 by 6 foot table, comfortably seating eight people, will stand sturdy legs up to 5 inches in diameter without clumsiness. When the cut to the right length for height bore a hole in each 5 to 7 inch from the bottom and insert cross pieces for the ends about 3 inch diameter. In these cross pieces, 3 or 4 inches each way from the point, bore another hole to insert lengthwise pieces—preferably 1 inch diameter. Atop these lengthwise a board may be fastened, forming a useful lower shelf as well as adding in stability. The upright legs as the pieces mortised together as a table chassis, a rigid framework which prevents the legs from spreading.

The upper end of each leg is slightly squared to fit snugly inside apron when the table top is set. The apron is firmly fastened to legs by casing nails or long screws.

Very little suggestion can be given as to the selection of the material for your furniture, as that will more or less be determined by the trees available. On our North Shore place have the various pines and birches and for our own cabin have chosen young birch of the pinkish gray brown variety rather than the white as it seems to us warmer and more pleasing in lending itself to coziness of the room. In the St. Cabin, cedar with the bark on proven effective in various articles of furniture. A most beautiful example has been gained by an extremely rustic neighbor of ours in the use of the silver gray drift-wood in rare grotesque formations; and there comes to memory a satisfyingly lovely study in the study of the late Enos M. the Colorado naturalist, formed the weathered root of a gnarled tortured old tree uprooted at fire line. The artist finds new things in old!

FURNITURE DETAILS

The "Trailsyde" design of tables and benches and chairs is exceedingly simple, yet it is one that we do not find in the least. Birch wood is fitted into horizontal pieces for a base—protected from scraping when moved about by a thin board planed for a "easy" or "shoe", fastened on the underside.

From the simplest stool and a rack formed by inserting into a s

(Continued on page 116)

Building the Great American Home

In building the modern, artistic home, much thought is given to Lehigh Cement, the great American product. This is not only due to its adaptability to pleasing effects and its permanency, but also to its national distribution and uniform quality.

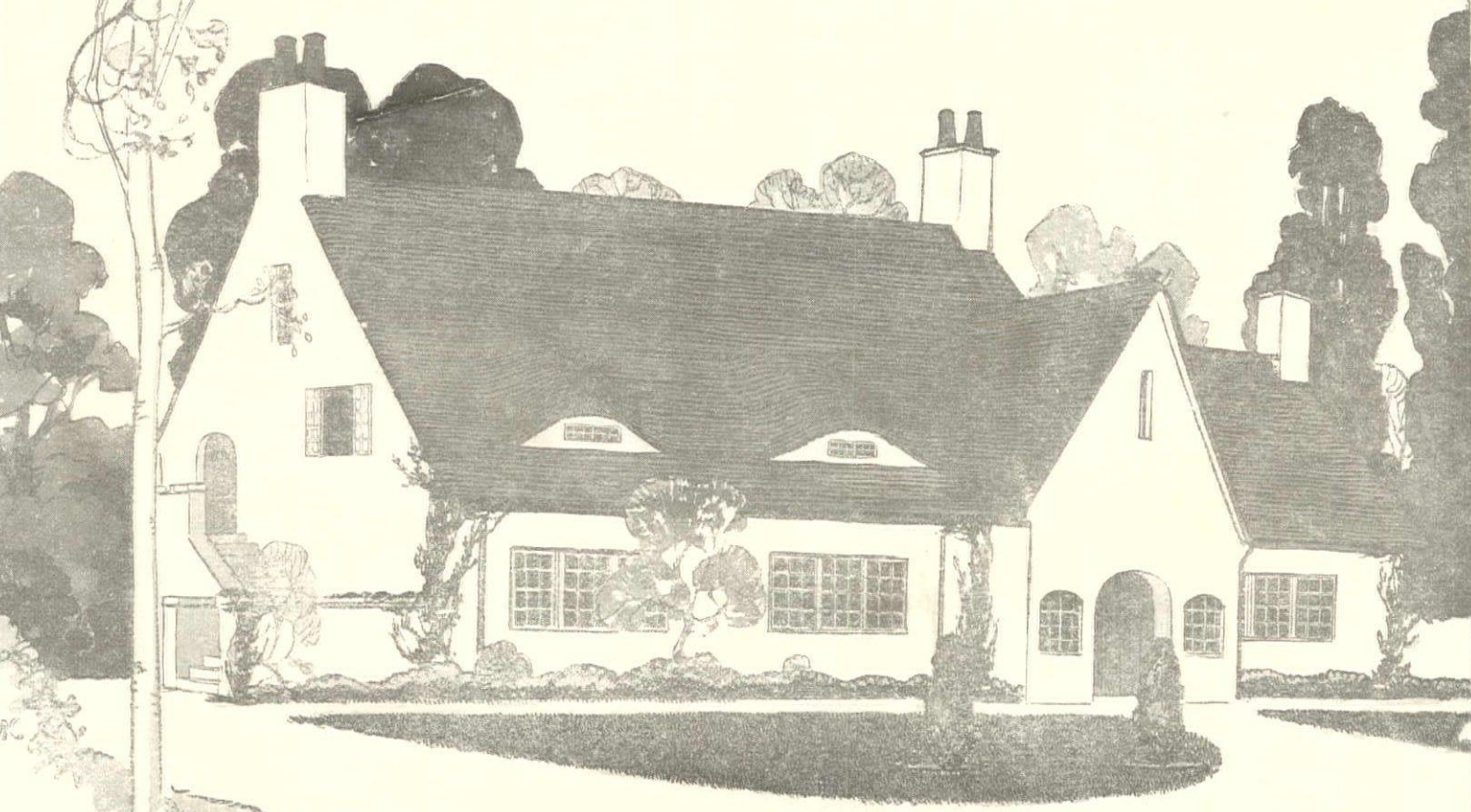
Following a natural demand for a superior building material, Lehigh has grown into a service to the people of America that stands alone in magnitude and completeness. Through its chain of 16 mills from coast to coast is produced more than enough cement every minute of the working day to build a six-room concrete house with concrete walls, cellar floor, sidewalks and driveway. This capacity means service and this service is available through a remarkable dealer organization.

We can help you in your consideration of a concrete building. Our beautiful 189-page book, "Concrete for Town and Country," will be mailed upon request. We shall also be glad to direct you to Lehigh service through a Lehigh dealer. He can be identified by the blue-and-white Lehigh sign.

LEHIGH PORTLAND CEMENT COMPANY

ALLENTOWN, PA.	CHICAGO, ILL.
BIRMINGHAM, ALA.	SPOKANE, WASH.
New York, N. Y.	Boston, Mass.
Buffalo, N. Y.	New Castle, Pa.
Kansas City, Mo.	Mason City, Iowa
Omaha, Neb.	Richmond, Va.
	Philadelphia, Pa.
	Pittsburgh, Pa.
	Minneapolis, Minn.

LEHIGH CEMENT



LEHIGH—THE NATIONAL CEMENT

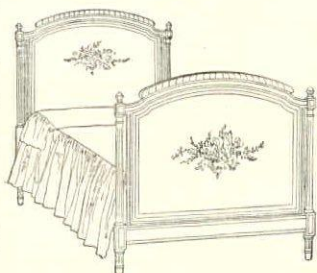
LOG CABIN FURNITURE

(Continued from page 114)



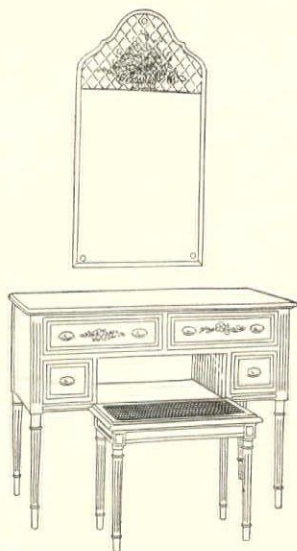
Bedroom suite 250
—Decorations in
Turquoise Blue
and Antique Silver

The dainty furniture of the Louis XVI Period has proved to be especially suitable to modern American homes. The suite illustrated—a pleasing adaptation of a Louis XVI original—is exquisitely decorated in turquoise blue and antique silver. The



floral embellishments are in the softest pastel shades. While typical of the many dainty suites in the Morton W. Lee collection, the price is unusually moderate.

Suites may be composed of any number of pieces required and may be finished in any color and design.



Morton W. Lee Unusual Furniture may be purchased through your Decorator or Dealer.

MORTON W. LEE
Bedroom & Boudoir Furniture
383 MADISON AVENUE, NEW YORK
(Opposite The Ritz-Carlton)

length of log as a sapling with its branches stubbed into convenient lengths of hanging-hooks, it seems a far cry to the pull-out settee, yet the construction of the latter depends chiefly on the lesson of driving in the legs and spindles. The seat board is hinged and is folded when utilized as a settee and the seat is built low enough not to make a doubled pad or two thin single mattresses—one atop the other—too high for comfort in sitting. A sapling naturally curved is used for topping the spindles of back and arms—and the unevenness of the curve of it may add to the artistic appearance of the finished article. It makes a most convenient “lounging around” place for the front of the fire, and is a welcome addition to any camp where an overnight visitor is likely to happen in and otherwise deprive some member of the household of a bed. It may be comfortable or uncomfortable depending on whether or not you care for guests.

Cupboards and buffets for the kitchen and dining room equipment may be made from your left-over bits of matched flooring boards that have been cut out on account of the knots—for these very blemishes, after the stain is applied, add greatly to the artistic effect. These boards should be fastened with battens or cleats.

Frames for bed springs and mattresses—which are among the very few things to be brought from town—may be made similar to the table

chassis—leaving the four corner long and rounding them off on the top or ornamenting them with the various tree fungi to be found in any wood. The common birch fungi, by the way, make very pleasing candle sockets. Various types of them are shown here.

In this urging of you to disclose talent within your hand and head for the furniture craft, there is no desire to gain—say the fact that the finished product is not going to look like the drawing room furniture of a villa on Long Island. No matter how clever you may be revealed, present yourself for a result that is crude bearing the imprint of the amateur log cabinet-work. Don't try to conceal this. Brag about it. Point to it with pride. It is the very mark that an antique shop brings a large business. It is, moreover, the one thing that gives it value—this expression of your own individuality in the joyous achievement of what fulfils your primitive needs.

No need to emphasize the fun you are going to have working out your ideas, for you well know that from the time you were five years old you drew a chicken with four legs and the body of a dachshund the glory of your achievement surpasses all other human delights. No great painter could have furnished you at any time with the satisfaction by presenting you with a perfect portrait of a buff orping

NEW ENGLISH COTTAGE FURNITURE

(Continued from page 89)

elaboration of other kinds of ornament to complicate the character of these pieces. For their charm they depend chiefly upon their proportions and carefully considered contours which, in all cases, are thoroughly straightforward and simple. What is still further remarkable and, indeed, quite unusual, is the absence of mouldings. As everyone, who has ever given the matter any thought at all, very well knows, one of the chief purposes of mouldings is to give finish and interest by the projections which allow an agreeable play of light and shadow. Here the designer has adroitly secured the relief of varied surfaces and supplied the play of light and shadow by means of notching, chamfering and beveling, instead of by means of mouldings. He has gained his effects in this respect by

elimination instead of by addition, creating depressions instead of building projections. In so doing, he has arrived at a more pronounced simplicity and, at the same time, produced a convincing impression of strength and firmness. It should be added that the joinery is especially good, as it must be when there is nothing to conceal the joints.

The scale of this furniture is small and pleasing. All of it is thoroughly substantial, but while it avoids the flimsiness of much of the so-called “cottage” furniture, it is not in the least cumbrous or heavy. In short, it possesses the happy quality of adaptability and can be used with equal satisfaction in small rooms, or in rooms where space is not so precious. In ample surroundings, its dignity is sufficient to give it poise and balance.



A long low bench remarkable for its sturdy simplicity of design has a waxed oak frame and a seat made of leather strips



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AND music is sometimes like architecture—an intricate, figured pattern of rich contrasts. So it is with the pipe organ. It has the majesty which religious devotion requires. Yet it *has* the airy grace and gaiety, the enthralling variety of life itself. Like a great city—it is all things to all men.

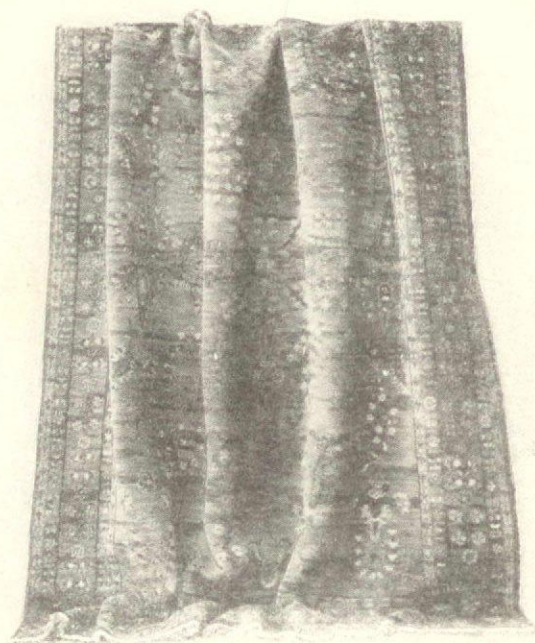
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JAMES M. SHOEMAKER CO., Inc.

West 40th Street, New York

SOME ASPECTS OF GAS COOKING

(Continued from page 91)

range, use a white, yellow or blue flame is not only up to you, but must be studied carefully by you.

The large yellow or white flame is a crass waste of gas. Not only does this flame waste gas in itself, but as it burns, the products of its combustion collect on the pot or pan and make just that much more coating for the heat to go through. Thus the cookery process is made longer and entails a longer use of gas, to say nothing of the soot painting on the base of the utensil which must be wastefully scoured, and thereby wearing out the pan that much quicker!

The blue cone flame $\frac{3}{4}$ to 1 inch in height, with the purplish blue edge just touching the utensil, is the proper color for the flame. There is nothing harder to do than to convince the maid in the kitchen that a small, blue flame is hotter than the large, yellow flame. The maid will always think that you are trying to economize with the small flame and that you are mean and stingy and when you get out of the room back goes the flame on high, and your bills follow its altitudes!

Watchful watching is the only panacea here.

Last year I told a maid in one of my relatives' kitchens, that the blue flame was the hottest. She stared at me because she knew I was a household economist and must be telling the truth. When she got over her surprise that I, too, could believe in the blue flame, I asked her: "Why Annie don't people use candles to cook with, if the yellow flame is hot enough? Think how simple it would be!" Then I showed her the accumulation of soot when cooking with the candle and yellow gas flame. I contrasted this with the blue gas flame's good behavior and finally convinced her! I have digressed here a long time, because it is in this one fault that so many people err and then get dissatisfied with gas costs, so-called messiness and inefficiencies.

So get to be a coloratura cook and the harmony of culinary life will be delightful and enduring. For, in the final analysis this color sense holds, too, in knowing the shades of brown foods must attain in the servings and garnitures!

These flames can be adjusted, if too yellow or white, by moving the air shutter on the mixing tube. Too little air usually makes a yellow flame. Should your flame pop, you have too much air, so again adjust your air supply. If you cannot get the right color or tone, send for the service man or woman, whoever is in your vicinity. Without proper color and needless operation, your burners will

and keep religiously to it. Rinse thoroughly with clean water and not forget to watch the hands in process, as strong alkali bothers skin.

The ovens, too, must be kept and free from rust and souvenir past feasts. Go over them every with a non smelly oil, free from or other foreign matter. For aliens in the oven walls will a havoc of cookery. Leave the oven open after every baking etc. for a 30 minutes to dispel past culinary reminders and to keep the oven rusting.

The proper size for utensils much to do with low costs, the swiftness and rapidity of cookery. utensil should always be larger the circumference of your gas burners. In this way the heat does escape into the atmosphere but is elated at the utensil itself.

Put out the gas before removing utensil and again you will save gas!

Aluminum, glass or tin, will quicker cookery results in bak. Whereas the enamels are excellent surface burner cookery, they are so quick in the oven.

The clever, three-in-one utensil makes it possible to cook nearly whole meal over one burner, and steam cooker gives you one burner cooked to perfection over one burner. So you see that cooking utensils are a tremendous saving or waste. really, it's the mind, after all, saves you more money than everything together, if you will but use it.

SAVING GRACES

As we said above, use the low flame.

Keep the burners and ovens clean. Use the simmerer and not the gas burner for everything possible, hereby lies a gigantic saving. It is a fine thing to keep food warm and use it for slow pot range cookery. easier, too, to keep the simmerer when you want it, than the large burner. Would that cooks would use it more. Seems to me I do more "turn down" of flames when I am in a cooking home than any other thing for it seems such extravagance to more fuel than necessary!

The top lighter is the best economy on the range. Always see that it lit before the other burner is turned.

Never try to light a burner with any gas which has previously escaped (due to a flash back in burner) entirely vanished. You should report the flash back malady to the company.

The ranges with eternal lights require no matches. But see that pilot light is lighted and does not and let gas escape.

But is 212°. Don't k

FRENCH Hand Made Furniture

HOW well you like a room is often determined by the furniture. A few pieces of fine furniture add character to any home interior. It should be authentic in design, and beautiful in appearance and finish.

Good dealers carry "French" hand-made furniture and you will always find their stores a source of home furnishing inspiration. If your dealer does not handle it, write us and we will see that you are served satisfactorily.

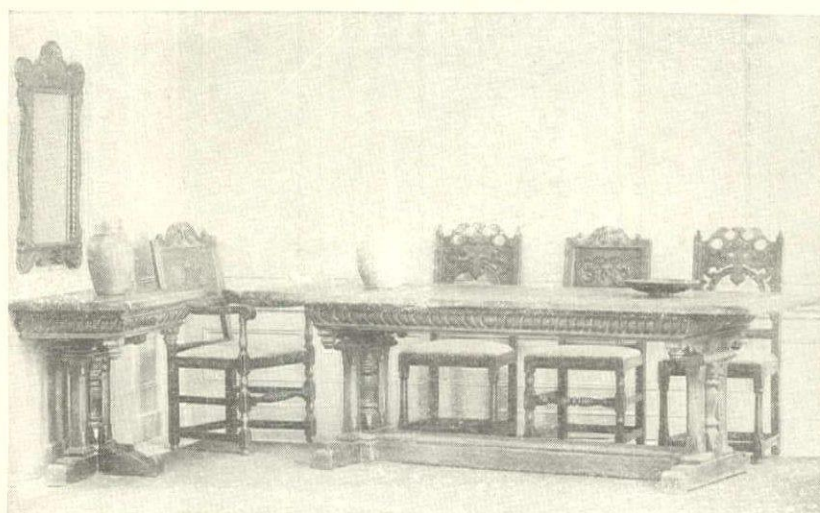


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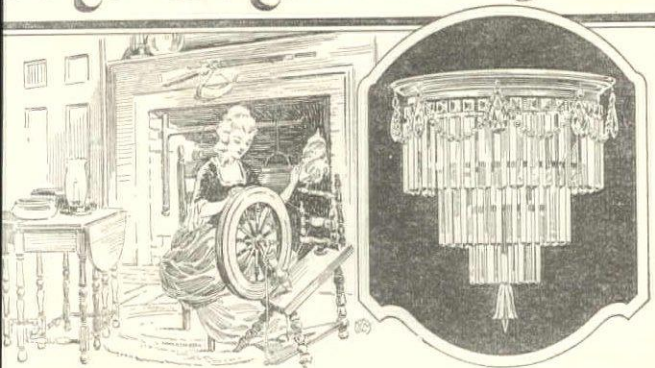
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The Moreton Hall Table is a faithful reproduction of the original table in Little Moreton Hall, at Cheshire, England, built probably in the reign of Henry VIII and still standing. We have reproduced in this table, the effect of age, both in texture of surface and the soft patina of the finish. The details of the ends and heavy gadroon carving of the skirt, point strongly to that Italian influence which was favored so strongly by the last Tudor King. The table as a whole has the appearance in color and texture of the 16th Century oak. The Console Tables with the Elizabethan carved mirror frame to hang above them form an important feature and may be used to extend the main table. The Moreton Hall Chairs and the Manchester Chairs complete the grouping.

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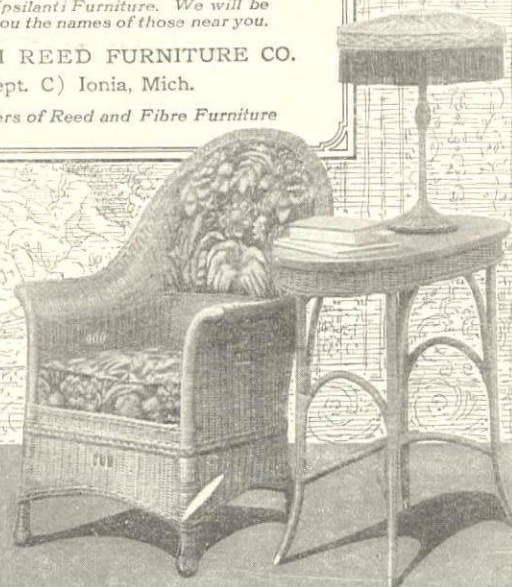
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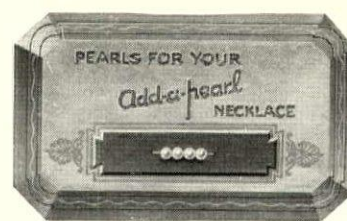
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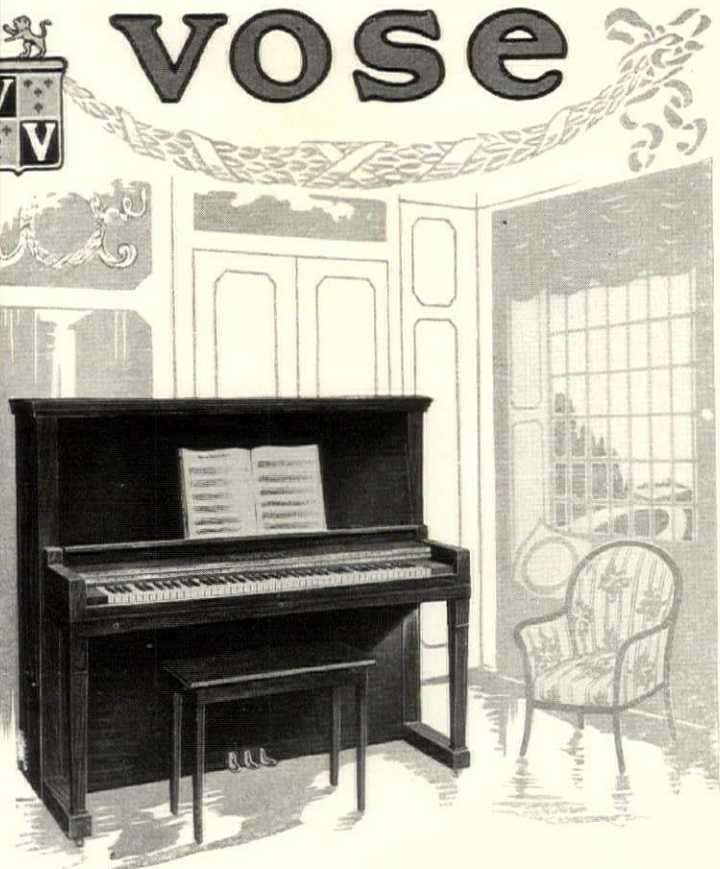
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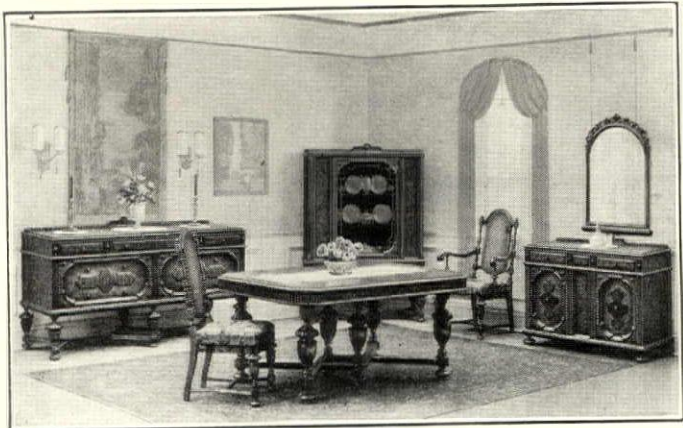
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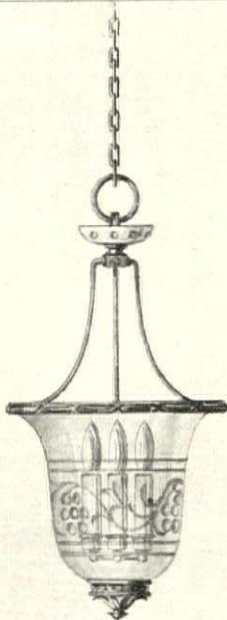
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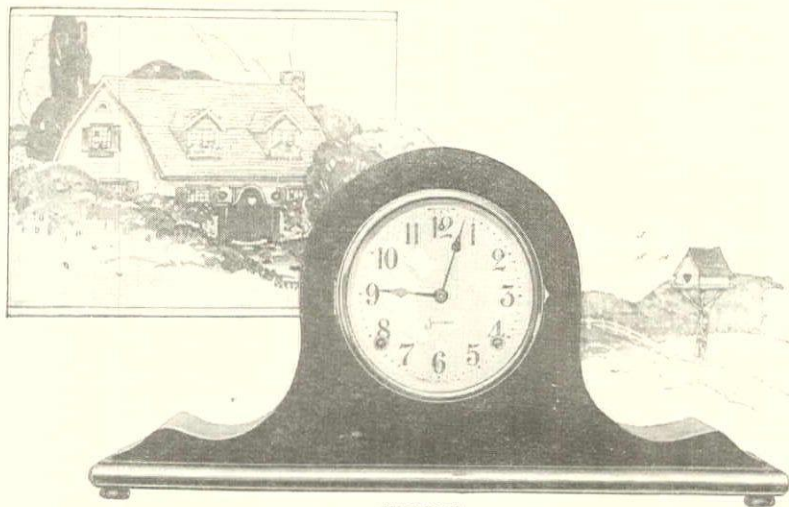


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SUPREME
Mahogany finish case, 9 1/4 inches high, 19 inches long; 5-inch Ivoryoid Dial; convex glass; gold-plated bezel; 8-day movement with hour and half-hour strike on Cathedral gong. \$13.50.
These clocks with silver finish dial \$1.00 extra.

Three handsome clocks at "How-can-they-do-it" prices!

YOU should have seen the astonishment of your designers when we told them to produce three clocks that would sell for as low as \$13.50 apiece. Such a price for a Sessions Clock, made according to Sessions standards, was unheard of.

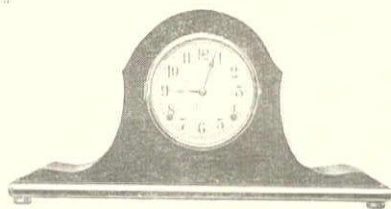
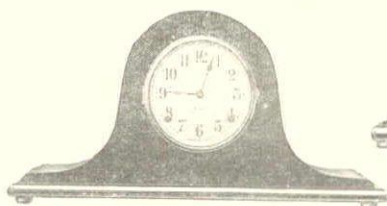
"But remember," we said, "they are *Sessions* Clocks. They must live up to our reputation for quality and dependability. They must be handsome, artistic and appeal to good taste.

"This fall thousands of people moving into new homes will need new clocks. They won't buy in poor taste, and they won't pay high prices. But a \$13.50 Sessions will be just what they want. These clocks are for them and for thousands of others who may not be moving into new homes, but who want good clocks."

So here they are—the Supreme, Superb and Surprise—three handsome clocks at wonderfully low prices. Sessions Quality. Sessions Dependability. Where could you find their equal? Ask your dealer to show you these Sessions Clocks.

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SUPERB
Mahogany finish case and all other specifications the same as the SUPREME described above, \$13.50.



SURPRISE
Mahogany finish case and all other specifications the same as the SUPREME described above, \$13.50.

Sessions Clocks

DEPENDABLE TIME

SOME ASPECTS OF GAS COOKING

(Continued from page 118)

Slow cookery with small flame gives the best results in boiling, roasting, etc.

Keep the covers on your utensils for the most part, and have them fit well.

Turn off the burner even if you are going to use it in a few moments—for you waste too much gas, as minutes pass into hours.

Remember, in the use of gas, it's always easier to use too much, than too little. Gas is intensely hot and a little goes a long way.

Don't spoil food by cooking with such a big flame that the food falls to pieces and all its best parts depart. The low flame will make you a better cook and your gas bills will be but pleasant souvenirs of good food rather than reminders of huge bank drawings.

You can save a lot of gas by roasting your potatoes around your roast and putting in a few extra for fried potatoes the next day.

May we say a word here on the art of broiling. This is a neglected form of cookery in America, and is the healthiest, as well as a most epicurean way of cooking. There is no cooking so delicious as the empyreumatic flavors derived from roasting and broiling. Think of the difference between the broiled chicken and the fried!

On the gas range you can grill and broil with the highest art and efficiency, and if you do, your home will be known as epicurean!

Ovens are of many styles and fashions and types. The gas engineers are continually experimenting, until today you have ovens insulated for retained heat; for semi-retained heat; the ordinary ovens which have no retaining capacities, but can be just as useful with heat regulator or the well placed superior thermometer.

TWO OVEN TYPES

Some prefer the fresh air oven, which is an oven without the perforations in the side walls, on account of its uniform heat. Others like the direct heat oven in which the flame has almost direct access to the food in the oven, as being quicker; others prefer the older type which has the apertures in the side walls and allows some heat to come through to the food with the inevitable products of combustion as well. In the last two, though the cooking is a bit swifter, there is not the uniformity of cooking gained without moving or twisting the food, after it has been put in the oven. Yet every one has his preference, and any of the above types made by good manufacturers will serve well and long, if used well.

In the fireless or heat regulated oven, you can cook a whole meal and then go away and leave it until it is done. So study your time card as soon

as you get it, and you will get galore on how to save time and money.

The new ranges come with cooking charts, so that you need guess nothing. On these are the temperatures and time lists for all kinds, sizes and conditions of food.

Some ovens have glass doors, prefer the good old metal ones for grease furrows unless it is worn off immediately. So don't feel "upon" if the range you choose has lovely looking glass doors.

And finally, gas is one of the cheapest fuels in point of convenience actual money outlay for permanent cooking, and if you observe the saving graces, you will never be any vicinity where gas will overburden your purse. For there is no fool a fuel waster in all the realm of housekeeping.

The styles and sizes of the ranges are legion, and you can always find the size to the space in your kitchen. They are very good looking too, with their white enamels and black trimmings, their shelves and splash.

It is well to have the gas range connected by a flue, in order that waste gases or unburned gas can escape should the fire be accidentally extinguished. In this way, the house is rid of noxious gases. Sometimes a damper in such a flue will give control of draughts and irregularities of winds and atmospheric states.

GETTING THE BEST

Poor gas ranges will cost more in the long run than good ones. If your burners are not of excellent construction, you will waste effort in getting them fixed, and you will waste food ingredients in bad and certain cookery. Furthermore, you will be subjected to escaping gases and poisonous fumes which will never occur with the well made range. The burners should be no further from the top edge of your range than 1/2 inches, otherwise, you will lose heat and lengthen the cooking periods and waste gas which means waste of money. And so it goes, *ad infinitum*. The best ranges or none, for the best will save you time, money and labor.

Whether you have natural or manufactured gas, there is never any need to be burdened with sooty utensils, your burners are right and if you have the correct range which can look after all pressures in the natural gas area.

So buy the best, and use the utensils that help you conserve heat rather than waste it. Your gas, or any other fuel commodity, depends on the amount of grey matter you use as a daily and hourly admixture.



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olive and blue green on a dark pansy background.

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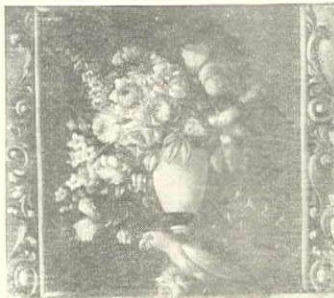
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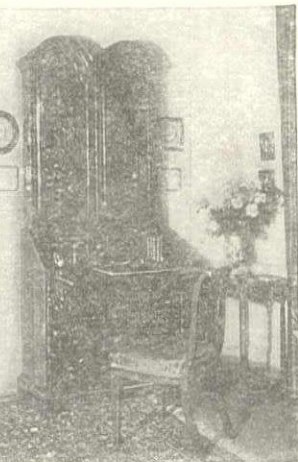


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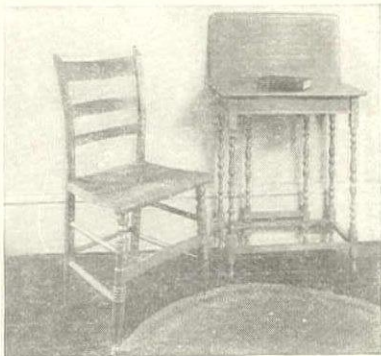


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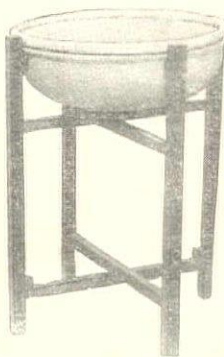


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New York City

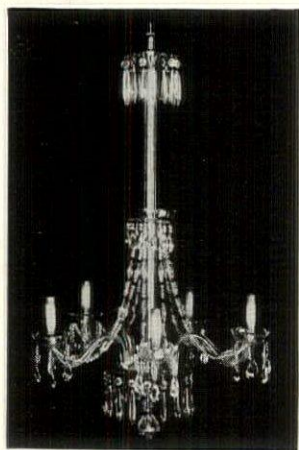
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with Folding Legs; Basket and Tray of
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For those who crave the best, I have old gems vibrant with glinting colors, thick, soft, untreated. I recently inspected rugs offered in regular trade channels in four large cities and saw but one rug of merit. Gem rugs are not offered through regular trade channels perhaps because they must sell at too small a profit. But rug dealers do buy from me for their own use.

Send for descriptive list, then make your order for rugs on approval for inspection at my expense

L. B. Lawton
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Atmosphere in the Home

We all want it, and we all know that it may be gained by a spot of color here and a unique touch there, rather than by the main pieces of furniture.

Often we realize what it is that's lacking, but we can't find just the right thing to fill the need.

More often, though, it is necessary to call in a decorator, whose fresh viewpoint enables him to suggest the few changes that make all the difference in the world.

In the pages of this directory you will find not only the shops that specialize in unusual decorations, but also several experienced and original decorators.

We recommend them to you. We know that they will serve you well. And, if you wish further help with any of your problems, we will be glad to have you write to

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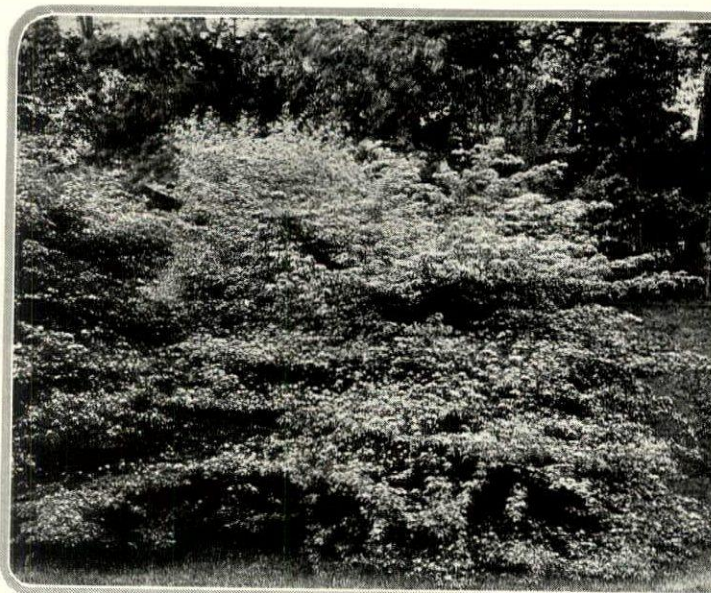


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Crataegus nitida is rather flat crowned. It carries its shining scarlet fruits all winter, a cheery spot of color in the bleak landscape

ORNAMENTAL HAWTHORNS

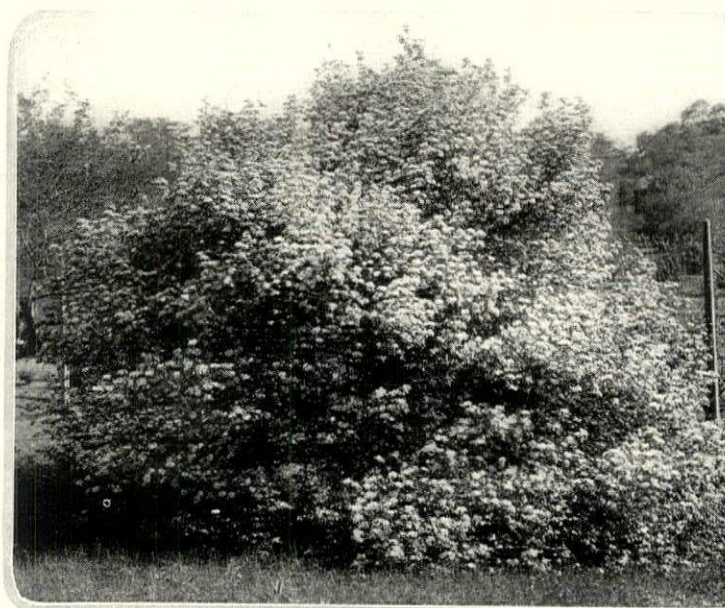
(Continued from page 70)

to light a great number of trees and shrubs, beautiful in flower, autumn foliage and fruit, of extreme hardiness and pre-eminently suited for planting in the parks and gardens of the coldest of inhabited countries. They thrive alike in the pure air of the country and in the smoke-laden atmosphere of mining regions. In the Arnold Arboretum twenty of the twenty-two natural groups in which the North American species of *Crataegus* can be arranged are represented; most of the Old World species and varieties are well-established and about 350 American species flower and ripen their fruit here every year. Nowhere else in the world can such an extensive group of a single genus of hardy trees and shrubs be found for study. To the man who has labored so assiduously in the investigation of the genus and in the formation of this unique collection our indebtedness as the years roll on will assuredly receive full recognition. For this, among other good works, the name of Pro-

fessor Charles Sprague Sargent ever be held in grateful remembrance by those who love trees.

The genus *Crataegus* is distributed through the northern Hemisphere but the greatest concentration of species is found in the United States from the Atlantic coast westward to the valley of the Mississippi River. Its northern limits extend approximately to the Arctic Circle and southern to the Tropic of Cancer. In China, a country noteworthy for its wealth of plants, Hawthorns are remarkably few in species and individuals, though in the northeast that land grows *C. pinnatifida*, one of the very finest of all. A strong family resemblance is apparent in the foliage and flowers of all the members though they vary in habit of growth and greatly in color and size of fruit. The flowers of all the species are white, but the size and number in cluster differ as do the number of stamens and color of the anthers.

(Continued on page 126)



Both flowers and fruit of *C. rotundifolia* are well worth while. This is the most northern in habitat of the American Hawthorns

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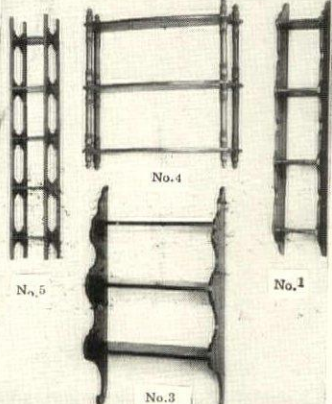
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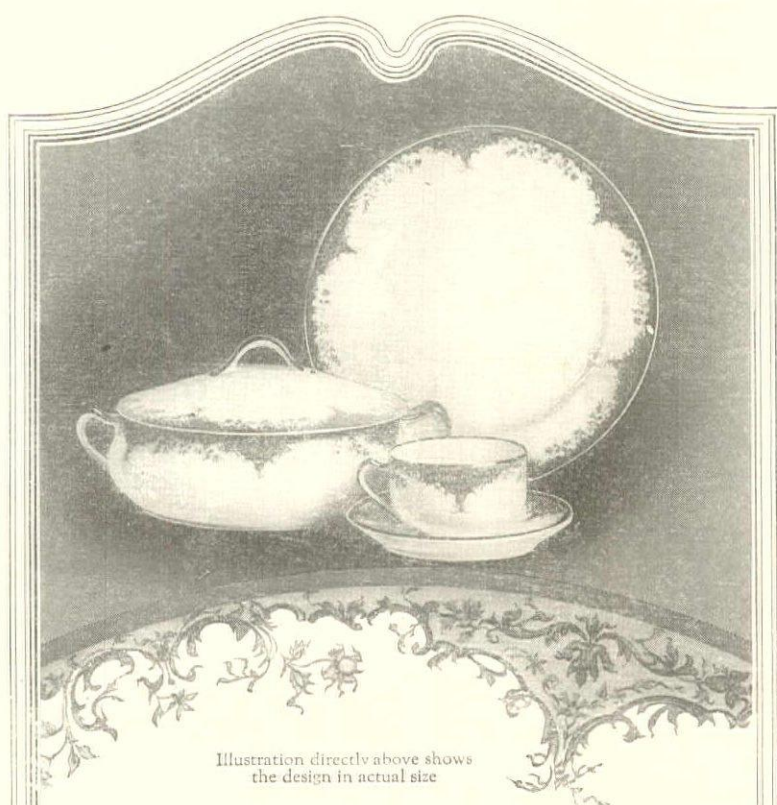


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11 East 36th Street, New York



In habit of growth and tracery of branch many Hawthorns show marked characteristics. The one shown here is *C. erecta*

ORNAMENTAL HAWTHORN

(Continued from page 124)

these characters are much used to discriminate the species. The shrubby species except where collections are favored have no outstanding use in gardens. Those of arborescent habit, on the contrary, are of immense value for the park and lawn and for trimming into hedges, since they are long-lived and ornamental at all seasons of the year.

No trees are more easily grown. A good loam (if lime is present, so much the better) and an open, fully exposed situation are the essentials. Hawthorns love the wind and sun and should be given plenty of room for their full development. The plants should be raised from seeds for although these do not germinate until the second season and the seedlings are slow for the first year or two, the results well repay the time and patience expended. Grafted plants except of special forms like those of the Common Hawthorn should be avoided since they lead to disappoint-

ment. Transplant the seedlings several times in order to develop a root-system, unless they can be placed in permanent sites. Outtom is to plant in well prepared about three seedlings when about feet tall and later, if all grow, cut two. Beyond the shortening over-strong laterals and the removal of cross branches little or no pruning is required. Like other members of the Rose family, Hawthorns are subject to attacks of scale-insects which may be easily controlled by a spray of lime-sulphur, one gallon to eight gallons of water.

In their fruit, the Hawthorns show a wide range of variation in size, time of ripening and persistence on the trees. It is edible on all species though in three only (and native of widely separated areas) of comestible value. One of these is the Azarole (*Crataegus azaroides*), native of Asia Minor, which

(Continued on page 130)



C. fecunda is one of the most prolific of the Hawthorns in both fruit and flower. It is an American species, and a good one

INTERNATIONAL CASEMENTS



Residence Robert Law, Jr.
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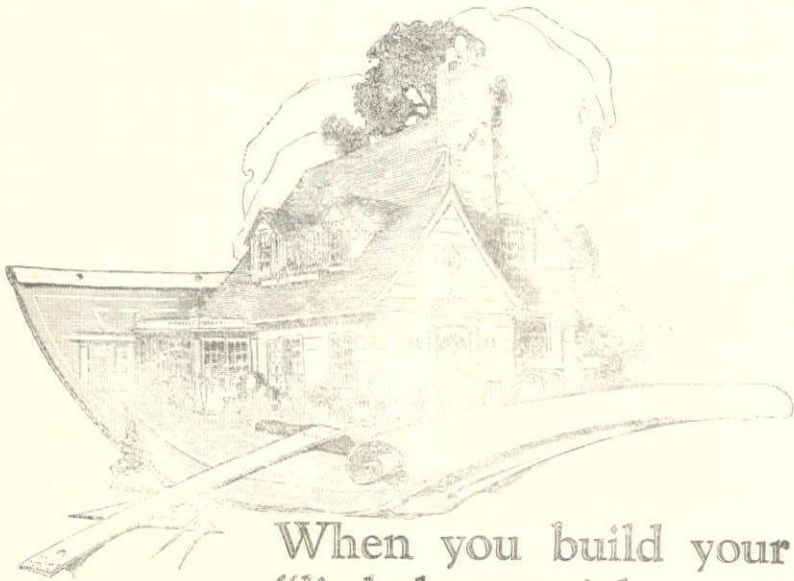
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When you build your
"little house o' dreams"
—let not the last be least

ONCE upon a time not so very long ago, Jack and Mrs. Jack planned a cozy house high upon a hill—the kind we all hope to have some sunny day. They talked things over well—joyously discussed their future home into the wee sma' hours. One day they proudly viewed the finished plans. They were good plans for a good home—what one expects and gets from a good architect. And so, the work began. Day by day the house arose in all its beauty—nearer and nearer came the completion of their happiness. At last they stood on the hill and viewed their "little house o' dreams"—created.

They had dug deep in the ground and deep in their pockets for a good foundation. They had raised an extra loan to raise a good roof. They had hotly insisted on having a good heating plant. And plumbing? "Of course we want good plumbing" was their answer. And then one day, they came to the last thing on the list, and being last they thought it least—the hardware. They thought "we'll save on the hardware—it's not so important." To the admonitions of their architect they answered "No". To the experience of their contractor they lightly snapped a finger. Now listen closely that you may know what happens when the last is made least—when good buildings fail to get good hardware. The doors were hung with two light hinges. They deserved three sturdy good ones. After a while the doors began to sag and squeak and stick—a daily irritation. The locks—they looked about the same as good hardware. Poor locks often do—outside. But later their insides told a different story. They simply didn't work without a fuss. The key would stick. The knobs came loose and, horror of horrors, the bright

brass passed away. Rust and worn spots took its place. The windows—what difference does their hardware make? Ask Jack and wife. They can tell you much about the ill-temper of cheap pulleys—their flat refusal to raise and lower windows quietly, easily and obediently. And makeshift window lifts that tarnish; fasteners, that with a struggle, only partly fasten. And all through the house you will find it the same. Those lovely casement windows that stick—the tall and gracious French doors that sag—the cabinet doors that keep forever slyly opening—all so beautifully designed, yet a daily disappointment and aggravation because of hardware on which Jack and wife decided "to save a bit".

To every sad story, there is a happy moral which you have no doubt guessed—which Jack and Mrs. Jack could now recite so well. It is—"Good Buildings deserve Good Hardware—Corbin." True— isn't it? So obviously true that we wonder why well meaning Jacks and wives fail to realize it until after they have finished building. Hardware that works willingly, doors that smoothly swing but never sing, locks that say "shut" and stay shut, windows that gladly rise on any occasion. Yes, good hardware—Corbin—serves silently and satisfactorily as do well trained servants. Let not the last be least in your "house o' dreams". If it is to be a good building, it deserves good hardware—Corbin—nothing less.

May we send you our interesting booklet called "Good Buildings Deserve Good Hardware"? It is well worth reading if you are building or thinking of it.



Good Buildings Deserve Good Hardware

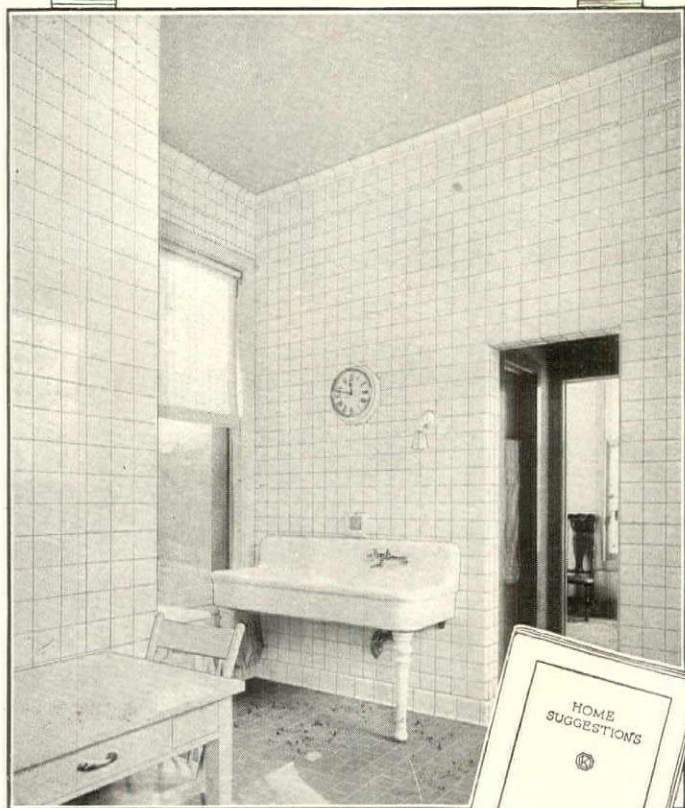
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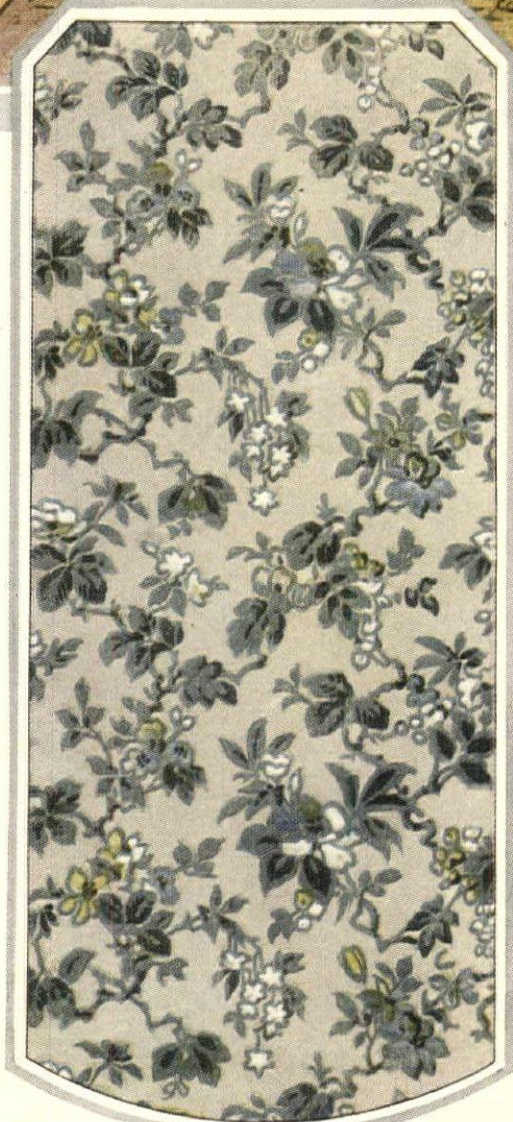
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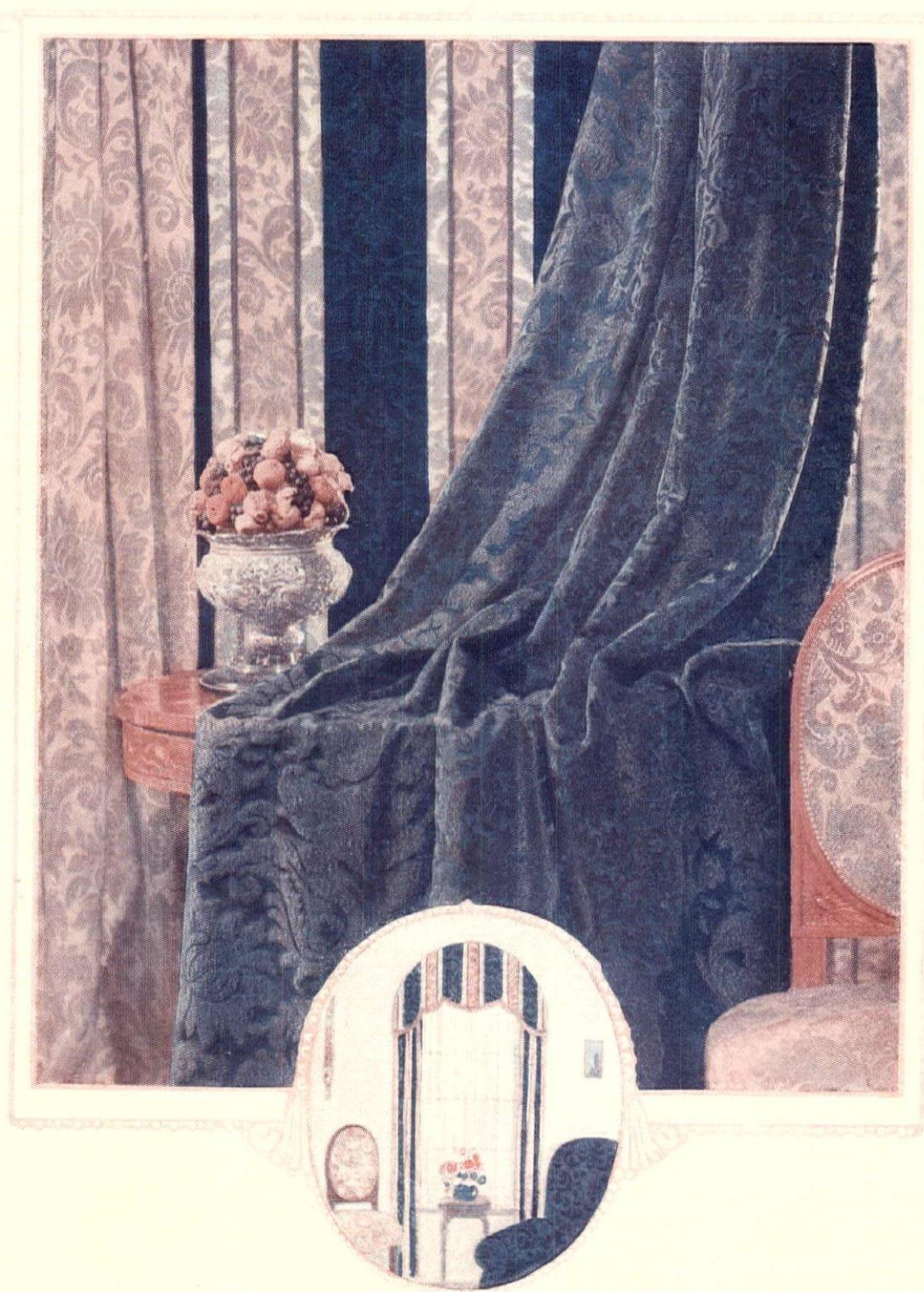
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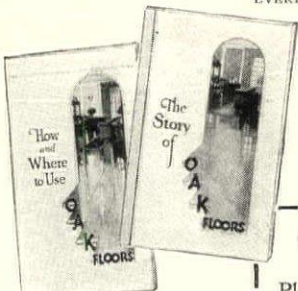
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Brush your teeth with Forhan's

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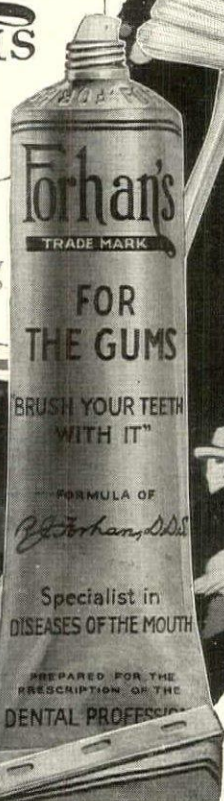
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FOR THE GUMS

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it checks Pyorrhea

Formula of
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New York



ORNAMENTAL HAWTHORN

(Continued from page 126)

globose fruit, about an inch in diameter, of apple-like flavor and orange, yellow or reddish in color. In southeastern Europe this Hawthorn is much grown for the sake of its fruit.

Native of the high mountains of Mexico is *C. stipulosa* with globose, yellowish, dotted, long-persistent fruits each nearly an inch in diameter. This is a small, sparsely spiny tree, seldom 20 feet tall.

The third species with comestible fruit and one of the most handsome of all Hawthorns is *C. pinnatifida*, a native of continental northeastern Asia. In northern China, Manchuria and Korea it has been cultivated as an orchard fruit for we know not how many centuries with the result that forms such as the variety *major* with large fruit more than an inch in diameter have arisen. This is a tree from 15 to 25 feet tall with pale gray-green bark when young, large lustrous green deeply lobed leaves inclined to be pendant, many-flowered clusters of very large flowers followed by oblong to flattened-round crimson fruits.

With its bright blue fruit about half an inch in diameter, *C. brachyacantha* is unique among the host of Hawthorns. It is the "Pomette Bleue" of the Arcadians of western Louisiana and is a large tree with shining green foliage and many small flowers together in crowded clusters. This is a native of the extreme southern part of Arkansas, eastern and western Louisiana and eastern Texas where it grows gregariously in areas often submerged during a part of the year, and when in bloom it is a conspicuous feature of the landscape. Though seedlings have been several times raised in the Arnold Arboretum we have so far failed to get this established in our collection.

A number of species have yellow fruit. Of these *C. flava*, a small tree of about 20 feet in height and more or less pear-shaped fruit, may serve as an example. This is the type of a section comprising many species all native of the southeastern United States and characterized by the conspicuous glands on the mostly obovate-cuneate leaves, petioles and corymbs, and by the few-flowered clusters.

ORANGE-FRUITED HAWTHORNS

Among the Hawthorns with orange-colored fruits none is more handsome than the central Asian *C. wattiana*. This is a tree of moderate dimensions with bright green, ovate, sharply incised leaves and clusters of translucent hanging fruits which ripen during the last week in August. The flesh is soft and the fruit in appearance is as tempting as a grape, but it soon wilts and by the middle of September has either fallen or hangs shrivelled and dried upon the trees. Quite a number of Hawthorns have lustrous black fruits, but they are of lesser garden value, though many are large and handsome trees. Of this group *C. rivularis* from the southern Rocky Mountains and *C. Douglasii* of the Puget Sound region of western North

America serve as excellent. Both are trees up to 40 feet in diameter. The trunks are clothed with bark. Fluted trunk named is far ramidal in habit whereas Hawthorn has a rounded crown.

One of the most widely known American Hawthorns is *C. virginiana* which has fruits of various colors. On some trees it is red, on others low, orange or rose-color. This species is very widely distributed in eastern North America and is from 25 to 35 feet tall with flattened or rounded crown of spreading branches sometimes more feet through. It was introduced into cultivation in 1746 and is peculiar in the fact that some individuals have flowers with yellow anthers others with rose-colored anthers trees with yellow anthers produce low fruits and those with rose-anthers have red fruits.

RED-FRUITED HAWTHORN

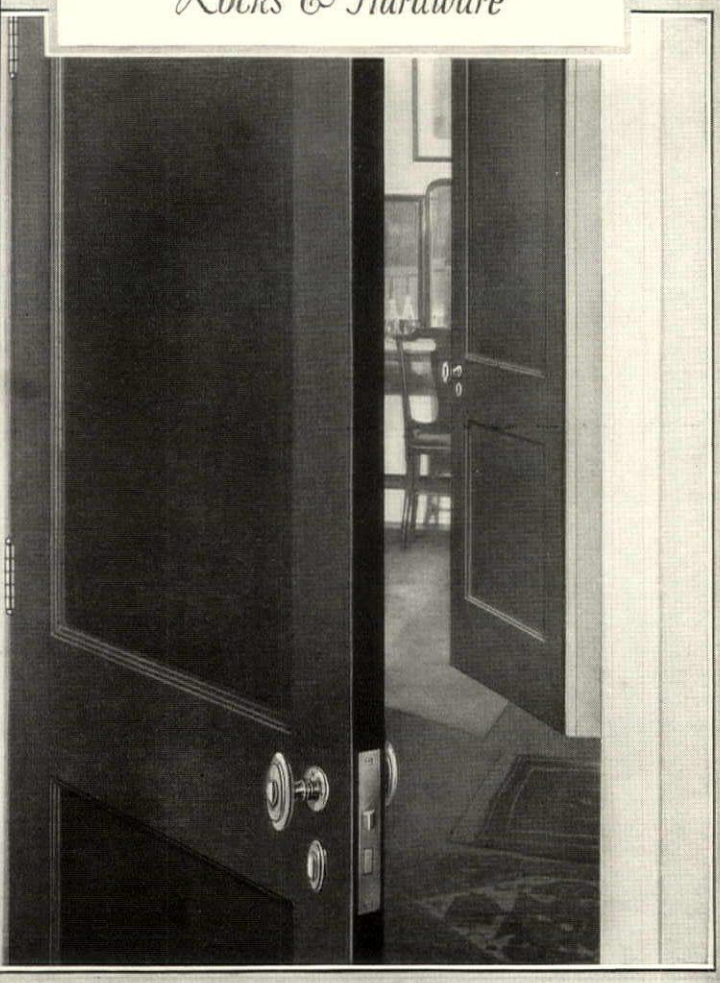
The great majority of Hawthorns have red fruits varying from dark through shades of scarlet to the crimson, while some have in a purple, bloomy covering. It is a red-fruited kind that is the ornamental and desirable. The great group belong *C. monogyna*. *C. oxyacantha*, common throughout the greater part of Europe and which all are so familiar that description is superfluous. The many named sorts of both species among them forms with red fruit both single and double, a feature known among all the other varieties of Hawthorns. Few trees are appreciated than Paul's Double Hawthorn, and richly does it deserve honorable place it has won in the collection of garden-lovers. Another form (*albo-plena*) has double flowers, another (*pendula*) is of weeping habit, another (*stricta*) has branches. The Glastonbury Hawthorn (*C. monogyna* var. *præcox*) a which pretty legendary lore gathered is remarkable in flower in November and December. The fruits of these Hawthorns are brilliant in color than those of other species but the variety *Girardii* with lustrous red oblong fruit is especially fine.

Of American red-fruited Hawthorns the first to ripen its fruit is *C. arnoldiana*, a small tree with broad crown of ascending and spreading branches and slender, very zigzag branchlets. The fruit is as large as cherry, bright crimson and is abundantly produced. From mid-August until mid-September this is one of the most conspicuous trees in the Arnold Arboretum. A closely related species with equally large fruit which ripens about mid-October is *C. arkansensis*. Very beautiful in fruit in late September until the middle of November is *C. succulenta* with its wealth of bright scarlet globose fruits in drooping clusters. A round-topped, densely branched tree is *C. coccinioides* with bright orange and scarlet autumn foliage and erect clusters of shining crimson fruits which ripen and fall during

(Continued on page 132)

SARGENT

Locks & Hardware



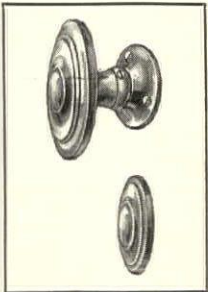
Don't take hardware for granted!

FINE hardware, like good architecture, doesn't just happen. You cannot restrict your interest to the selection of appropriate hardware for the entrance doors of your new home and then expect to be satisfied with the locks, knobs and hinges on the many doors inside.

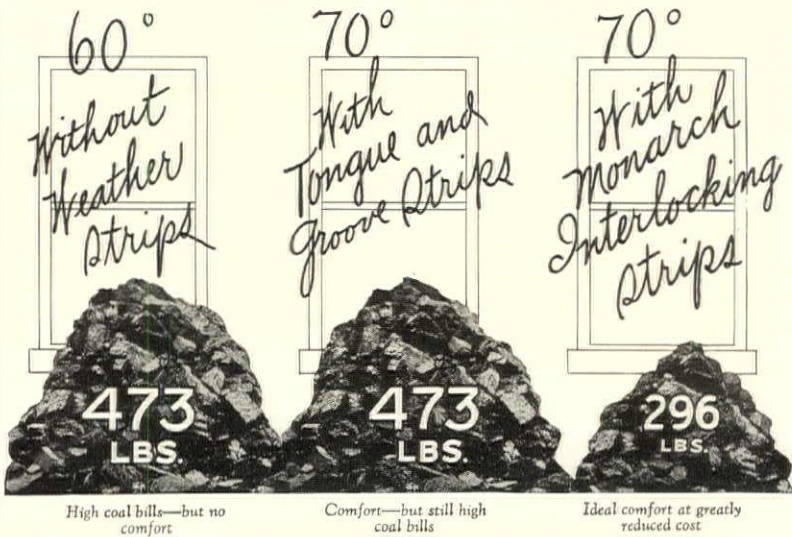
It is a wise investment in satisfaction and security to specify Sargent Locks and Hardware of solid, wear-resisting brass or bronze for all the doors and windows in your home. The additional cost is a small item in the total building expense. And you are assured of lasting beauty and satisfactory service as long as the home stands.

Sargent easy spring locks for inner doors and Sargent Cylinder easy spring locks for outer doors are finest examples of the locksmith's art, and there are Sargent knobs, handles and escutcheons to harmonize with every style of architecture and decoration. Write for the Book of Designs, or the Colonial Book for glass knobs and patterns of the period. Choose Sargent Locks and Hardware with your architect.

SARGENT & COMPANY
Hardware Manufacturers
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One of many beautiful lock sets for interior doors.



The wasteful cost of comfort is in your coal pile

IF YOUR windows are not weather-stripped, you are fortunate if you are able to maintain an average inside temperature of 60 degrees—and to do this you must burn at least *473 pounds of coal per window per year. You pay high fuel bills, yet your home is uncomfortable.

With tongue and groove type weather strips on your windows, you can raise the inside temperature to 70 degrees, but you must still burn 473 pounds of coal per window per year to do it. You make your house comfortable, but you continue to pay excessive coal bills.

With Monarch Metal Weather Strips on your windows, you burn only 296 pounds of coal per window per year to maintain a comfortable temperature of 70 degrees. You save $2\frac{1}{5}$ bushels of coal per window per year. Multiply this figure by the num-

ber of windows in your house—the result represents your annual fuel saving with Monarch Strips.

More than 600 tests reported by the American Society of Heating and Ventilating Engineers have proved that Monarch Metal Weather Strips are the only strips which effectively control the cause of air infiltration and high coal bills—that $\frac{1}{8}$ -inch crack around windows and doors.

These tests show that Monarch Interlocking Equipment No. 400 keeps out 58% more cold air and saves more coal than any tongue-and-groove type strip tested. This means a year-after-year saving on coal bills, for Monarch Strips not only last as long as the house itself, but always work as well as new.

Monarch Strips are the only strips which meet the maximum shrinkage of the sash with no depreciation in their efficiency.

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Find out why some weather strips waste your coal and send your coal bills climbing, while Monarch Strips not only keep the whole house snug and warm, but cut coal costs to the lowest possible figure. Merely clip, fill in and mail the coupon for a copy.

* These figures are based on air infiltration thru a 3 x 6 ft. double hung window which represents the average.



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ORNAMENTAL HAWTHORN

(Continued from page 130)

month of October. Another species with orange-red fruit is *C. africana*, a slender tree some 20 feet tall, native of the low valleys of the southern Appalachian Region.

Handsome in flower and fruit is the broad crowned *C. rotundifolia*, the most northern in its range of all American Hawthorns. Well-known is *C. crus-galli*, the Cockspur Thorn, with its formidable spines, rigid, spreading branches and drooping clusters of sub-globose, full red fruits which ripen in late October and remain on the branches until spring. This is the type of a large and well-defined group of which other worthy representatives are *C. fecunda* with orange-red fruit and *C. macracantha*. The last is most appropriately named, for it has the longest spines of all the Hawthorns and so thickly set on the branches are the spines that no animal will face the tree or break through a hedge formed of it. The Rochester Thorn (*C. durobriensis*) is especially valuable for the garden in winter because its large dark crimson fruit remains uninjured by frost until long past mid-winter. Another species which holds its fruit late is *C. pruinosa* with a purple bloom.

But of all the late-fruiting kinds none excels *C. cordata*, the Washington Thorn, and *C. nitida*. The first-named was introduced into cultivation in 1738 and is one of the most distinct of all. It is a slender tree from 20 to 35 feet tall with a small and

shapely crown, nearly triangular leaves which turn bright scarlet at the end of October. It is one of the latest to open its flowers and its lustrous scarlet fruit in clusters remains on the tree until spring with little loss of beauty. Very distinctive in habit is Sargent's *C. nitida*, of the bottomlands of the Mississippi River, with wide-spreading branches and erect upper branches forming a broad, rather open symmetrical head. It is a tree 30 feet tall with a tall straight trunk and carries its shining scarlet fruit in abundance right through the winter. King Frost cannot dim the lustre of its myriad fruits which illuminate the landscape during the dreariest of February.

Since the variety of Hawthorn is so bewilderingly great it may be difficult to give the names of a selection. Of the American species the following dozen may be given, but in my opinion are not exceptional.

<i>C. arkansana</i>	<i>C. fecunda</i>
<i>C. arnoldiana</i>	<i>C. nitida</i>
<i>C. coccinioides</i>	<i>C. pruinosa</i>
<i>C. cordata</i>	<i>C. punctata</i>
<i>C. crus-galli</i>	<i>C. rotundifolia</i>
<i>C. durobriensis</i>	<i>C. succulenta</i>

Of the Old World species I will select the following: *C. azar*, *C. orientalis*, *C. pinnatifida* and *C. scattiana*, with forms of the European *C. monogyna* and *C. oxyacantha* make the half-dozen.

GREENHOUSES AND ARCHITECTURE

(Continued from page 90)

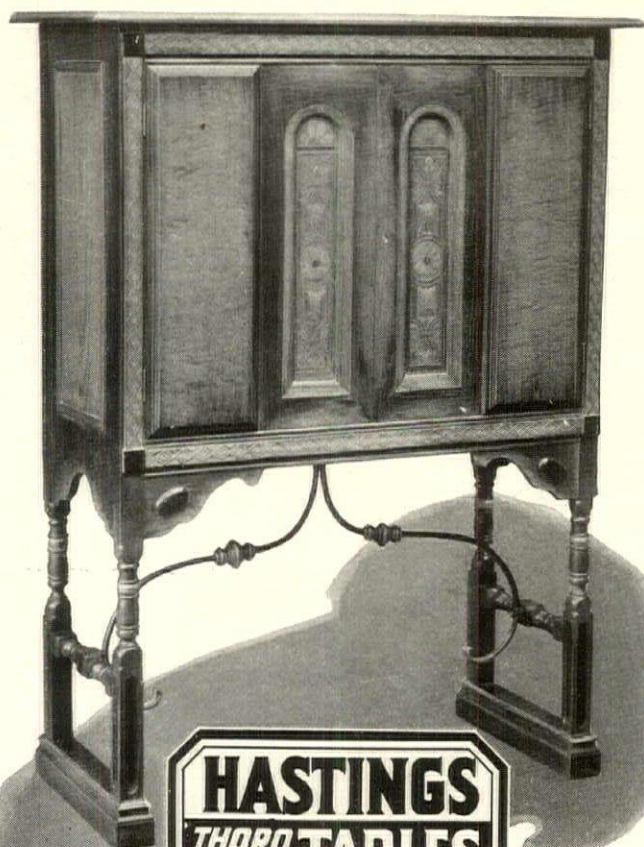
manner of English cottage architecture, and the usual gable type best suited to a house in the Colonial style, where it acts as just the sort of wing one might find on a house of that kind.

With the attached type it is particularly important that the materials of the house should be worked into the construction of the greenhouse. No change should be made in the glass superstructure, on whose carefully thought out design the efficiency of the greenhouse depends; but the foundation walls should be made to harmonize with the walls of the house. For example, if the house is built of brick this would be the logical material to use. If the greenhouse attached to the house has a workroom section, that is the part which should be designed in precisely the manner of the house.

The detached greenhouse in the garden should enjoy the same sort of architectural companionship with the house. Its doorways, its foundation walls and its workroom section are the parts which can be made in some way to follow the design of the larger building. Sometimes the slightest suggestion of an architectural relationship will suffice to give it an air of really belonging in the scheme of the establishment. Whenever it is possible to repeat the mate-

rials of the house, this should be done. And wherever it is possible to use its doorways and workroom external mouldings and trim similar to that used on the house, and handled in similar fashion, it will be found that the tie-up in appearance between the two buildings will be a source of splendid satisfaction; for the greenhouse will no longer seem an altogether independent unit, but an actual piece of the place.

In addition to associating the architecture of the greenhouse with that of the house it is important that this light structure be located for its greatest effectiveness, and for the greatest convenience of its users. When it has been given a suitable design there is no reason why it should not assume the position of importance in the garden. It can serve beautifully as a garden house, closing off one end or one corner of the garden, or separating the flower garden from the vegetable garden. The two examples illustrated on page 90 show how well this can be accomplished. On the small place a greenhouse is certain to be an important feature, and rather than attempt to hide it (as is so often done) the effort should be to give it the prominence it deserves. All that is necessary is that it be treated just as much as a decorative asset as a practical blessing.



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For Your Radio—
This magnificent occasional piece

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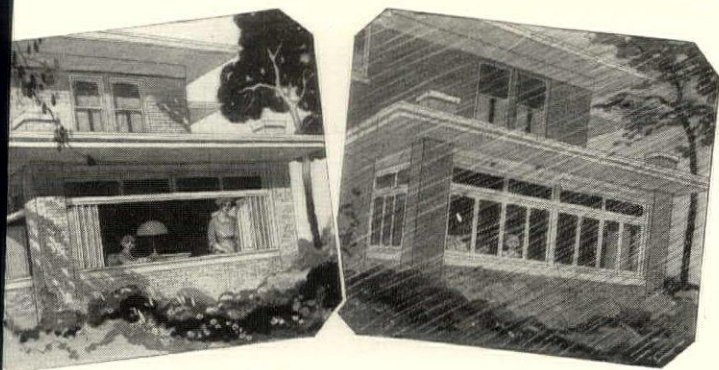
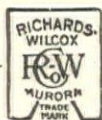
HASTINGS TABLE COMPANY
HASTINGS MICHIGAN

Factory Sales Office and Display, Grand Rapids, Mich.

Direct all correspondence to the plant at Hastings

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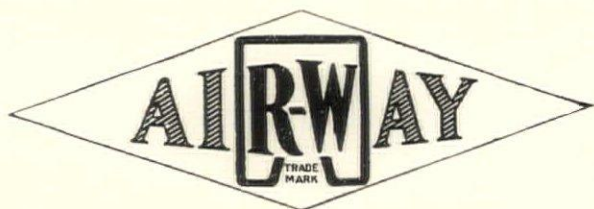
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Air-Way Lets the Outdoors In -- and Also Keeps It Out

WHEN the weather is warm and pleasant, sun rooms, sleeping porches and other rooms equipped with *Air-Way Multifold Window Hardware* may instantly be thrown open to the benefits of sunshine and fresh air.

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Multifold Window Hardware

It lets the outdoors in—or keeps the outdoors out. When open, *Air-Way* provides an opening the full width and depth of the window frame. When closed, it is absolutely weather-tight and rattle-proof. It operates without interference from either screens or drapes.

Air-Way is by far the most perfect enclosure for sun rooms and sleeping porches. It also is ideal for bed rooms, living rooms, dining rooms and kitchens. Old-fashioned double-hung windows may easily be replaced with *Air-Way*.



Don't think of building or remodeling without first investigating the numerous advantages of *Air-Way Multifold Window Hardware*. Send today for your copy of Catalog M-4, which fully describes it. Most hardware or lumber dealers sell *Air-Way*, or will gladly order it from our nearest branch. Remember, there is no substitute for *Air-Way*.

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(From an actual experience)

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He tried it. He now reports: "the floor cleans up like new." "All dusting is eliminated."

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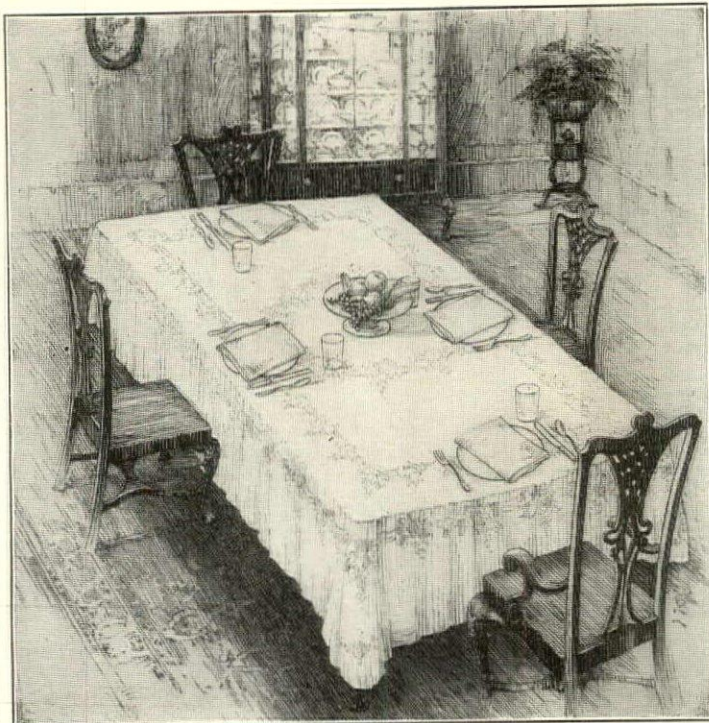
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LINEN FABRICS FOR THE HOME

(Continued from page 78)



McGibbon Linens

A Standard for Discriminating Women

SOFT snow-white napery, fine plain and hem-stitched towels, exquisite fancy scarfs embroidered or lace-trimmed—all McGibbon linens in the home give evidence of good taste and discrimination. For McGibbon sponsors only the best in Quality Linens—famous for over half a century. And all so reasonably priced that the economical woman will not consider cheaper substitutes for a minute!

New Fall linens are now being shown—a splendid assortment. Some very special values in Luncheon and Breakfast Sets.

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Send for folder No. 62 featuring our latest offerings in Quality Linens.

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NEAR FIFTH AVENUE

HOUSEHOLD
LINEN

INTERIOR
DECORATIONS

LACE
CURTAINS

three months required for importing prints. Dining room patterns are rather large with flowers and fruits. Narrow widths are for bedroom things—a small ground pattern for the bed spread, with stripes for drapery. Checks or blocks are popular. For slip-covers, all-over designs like branching cherry blossoms cut without waste. Orange, brick and apple green are the decorators' favorites; a lavender ground with oranges is well liked. New Chinese designs are in black and orange, and black and rose. A Versailles garden scene with a temple of love, rose beds in bloom, with ladies and courtiers in powdered hair, on a blue, peach or tan ground, is the sort of thing around which a decorator "builds" a room. A very large range of designs includes French, Spanish, Italian, Colonial, Georgian, Czech-Slovakian, East Indian and Persian.

TOILES. Words, like styles, have a vogue, and the word *toile* like chintz being "caviar to the general" is constantly employed by decorators. It is French and applies usually to linen cloth, but has with us an elastic meaning. Printed toiles may be cotton, linen, or wool. *Toile de Jouy* is named from the French town of Jouy, where toiles were printed by hand-blocking from designs by the French artist Huet and others. These were done in the 18th Century on linen or wool, and later on cotton. Out of door scenes of wood and valley, garden and town, historical events, mythological fancies, are printed in monotonous in red, blue, brown, mauve and mulberry, or in several colors. There is now a tendency toward old English types—Vauxhall scenes, Chelsea figures, and also prints in the Chinese and Japanese styles.

TOILES IN DECORATION

These are very smart for over-drapes, valances, dressing table and bed draperies, slip-covers, room accessories, and wall panels. Scenic toiles on light grounds are dyed by decorators to suit room colorings; old china blue and a "dirty maise", or corn color, are the vogue. Linen velours are also printed, giving a depth and richness of tone unobtainable on smooth weaves. The highly absorbent quality of the fabric gives the distinctive character to printed linens, for the color soaks into the textile producing the antique effect of old fabrics. The same design in the same colors printed on cotton and on linen produces quite different effects. The cotton being little absorbent holds the color on the surface and retains its full brilliancy; for this reason it is better liked for many of the new art effects than linen; while linen is peculiarly suitable where antique effects are required, especially in wood paneled rooms.

Linen pile fabrics have a shimmering silk. Designs are occasionally printed as well as woven in the fabric.

FRIEZÉ. French for rough cloth, now used for velvet, uncut or cut and uncut combined; blocks, small patterns, period in antique effects, especially and Italian Renaissance; many and combinations; fabrics all pile designs on plain grounds. by decorators.

MOQUETTE. Heavy pile usually figured; all cut, or cut and uncut combined. The terms frieze and moquette have been used for moquette.

VELOUR. Flax or linen velour coming into ever widening use in upholstery and hangings. Manufacturers and dealers confine the term to crosswise ridged fabrics and to smooth surfaced pile weaves. American linen velours are obtainable in all colors in vogue, and have the advantage of being sunfast. Designs in small blocks, figures, chair back seat patterns, old Genoese and Italian velvet designs in large and Spanish designs also large, and French and English designs.

FABRIC TERMS

These three terms are commonly confused. Fabrics of uncut looped friezes; of cut loops, unridged moquettes; of ridged cut looped velours. When mixed, cut and uncut the terms have been interchangeably used. Linen pile weaves are so called velvets, but when figured are occasionally called brocaded velours. Common usage calls linen velvet, and this term—French for velvet covers and is increasingly used for linen pile fabrics.

Linen for hangings is bound to be weighted to keep the ends from wrinkling. It wrinkles and is better for permanent upholstery than slip-covers, folds evenly and with a nicety liked for over-drapes. Its softness is so noted for precision that it supports the "linen fold" carved ornament in furniture decoration since Greek days. It admits light for window hangings and lamp shades more evenly with less loss of beauty and color than the fabric than cotton. Its even texture, lucence, durability, and soft and color tones are its points of chief advantage. Expensive decorative linens are more widely used along our Eastern coast than elsewhere. Decorators are partial to linen for all-year English wing chairs they frequently upholster in linen suitably printed and embroidered. Libraries and living rooms are hung with linen at doorways, windows, and it cushions the window seat. Decorated linens, often as expensive as silks, are used where formality in a room is desired.





ROOKWOOD

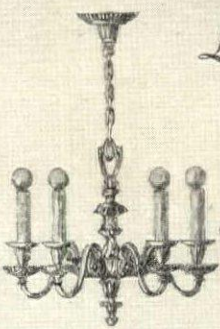
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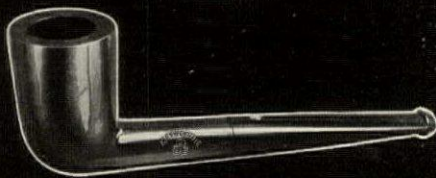
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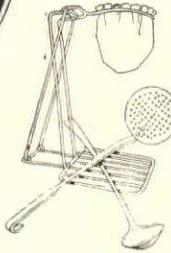
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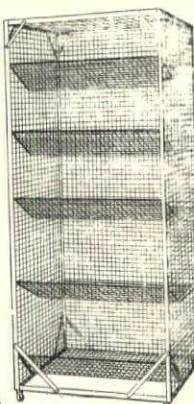
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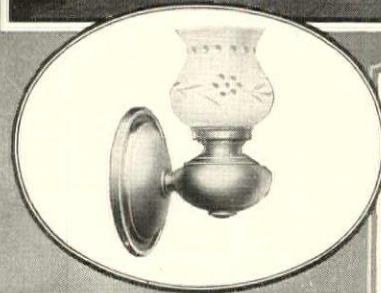
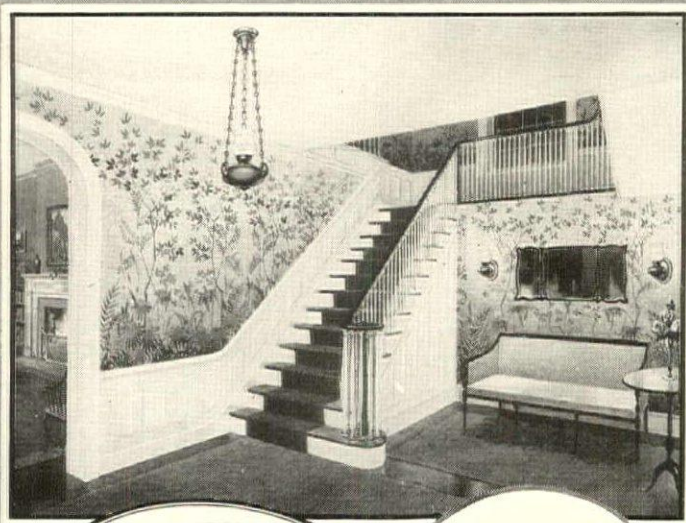
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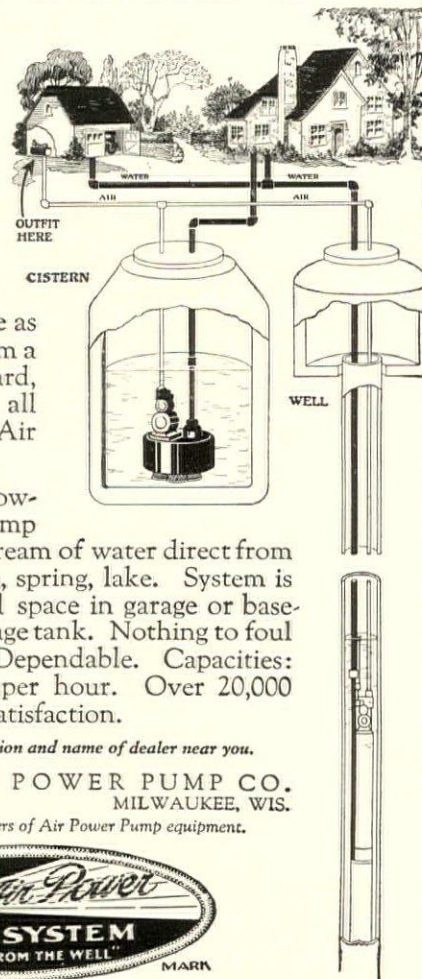
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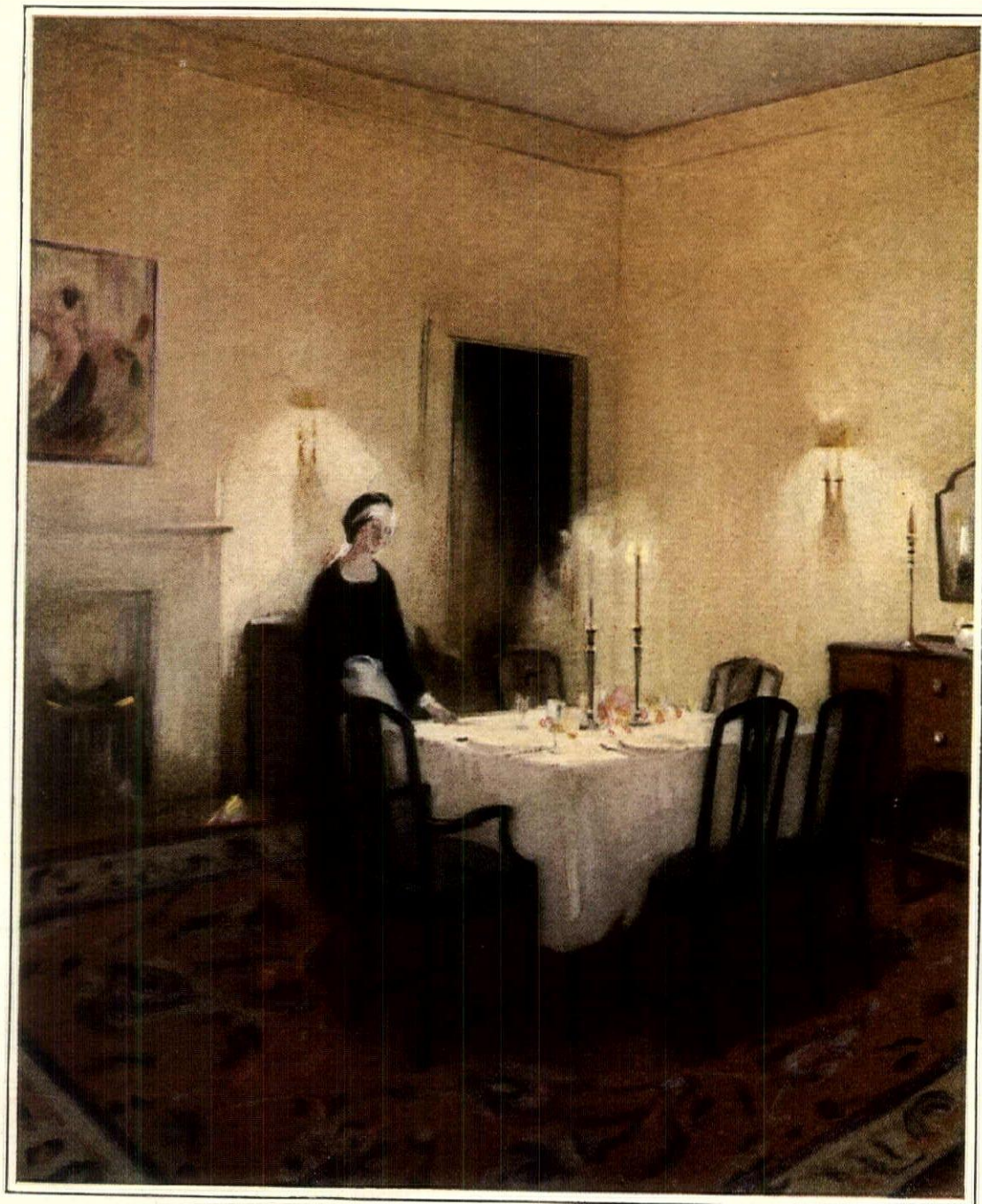
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The Dining Room—pride of your home; cheerful, mellow, with every detail contributing to the happy feeling of confidence. When friends come to enjoy your hospitality and good cheer, then you are grateful for that confidence, which only good furnishings can promote. In such a harmonious atmosphere of genial warmth and refinement both heart and palate are most responsive. You appreciate your beautiful rug—your Karnak, soft and mellow in its faithful reproduction of an oriental masterpiece. No false note here, for Karnak is at home in the finest surroundings.

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*Renew
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Have your carpenter apply big panels of Upson Board right over old cracked plaster—paint and apply appropriate wood trim. And, presto, old walls and ceilings are permanently renewed!

For gleaming, tile-like walls in kitchen or bath, use Upson Fibre-Tile, with plain Upson Board above.

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Do not confuse Upson Board or Upson Fibre-Tile with easily broken, hard-to-apply, paint-absorbing substitutes containing plaster. Upson products are really refined lumber—one of the most trouble-free of all building materials.

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THE DEPENDABLE BOARD WITH THE FAMOUS BLUE CENTER

In every community there are well built old houses that can be modernized to provide comfortable homes for families who have been longing to build. Upson Board solves the vexing problem of walls and ceilings.

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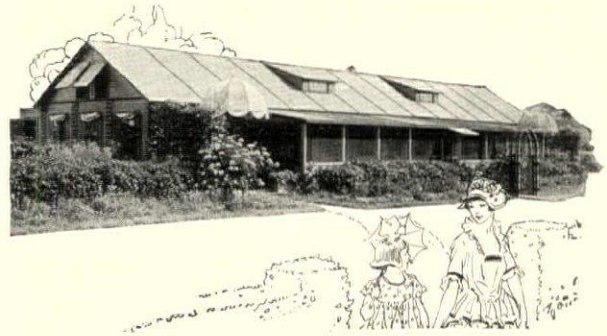
American college preparatory schools are among the best in the world. Particularly as a base on which to build the final education and future of the American child. Public schools or home tutoring do not offer the same advantages in curriculum, in contact with other children, or in social experience.

The ideal school is one which offers plenty of physical exercise; where the children are normal, healthy and friendly; where the niceties of social intercourse are carefully observed and where the curriculum is thorough.

There are plenty of schools of this sort—and they are not all expensive schools. But most of them take a limited number of pupils and if you leave the enrollment of your children until the last minute, you may be too late. Don't put off the selection of a school until *next* fall! Investigate schools now and you will have time to visit several personally.

The Condé Nast School Service knows of many splendid schools and will be glad to advise you if you wish.

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STORM-PROOF and sturdy, Hodgson Portable Houses last for years. The walls of these houses are made of sturdy red cedar, the most durable wood known, backed with heavy fibre lining.

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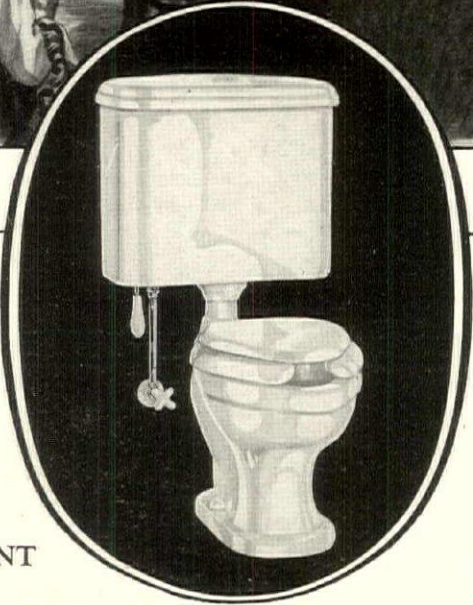
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ARISTON—
MADERA SILENT
K-2900

White Vitreous China Non-Soiling Silent Action Syphon Jet Closet with extended top inlet, floor outlet, extended front bowl and cut-back flushing rim. Equipped with white celluloid-covered seat, flush pipe cover and white vitreous china tank with heavy brass, silent acting fittings.

THE difference between inherent refinement and superficial refinement is reflected most conspicuously in the selection of furnishings for the home. Thomas Maddock bathroom appointments are peculiarly appropriate in the homes of those whose good taste is instinctive.



THOMAS MADDOCK'S SONS COMPANY
Trenton, New Jersey.



This graceful sofa covered in glazed chintz is placed at the left of the fireplace in the living room designed by Mr. Gilchrist

FOUR SMALLER LIVING ROOM

(Continued from page 62)

The graceful sofa in front of the bookcase is covered in this same material and the comfortable overstuffed chair in front of it has a covering of ribbed cotton material, deep mauve in color. The fabric on the arm chair by the fireplace is artificial silk with a small diamond shaped pattern in mauve and deep blue. The small table on the right side of the room beneath narrow hanging bookshelves is painted deep bluish green, a lovely color against the hydrangea walls. The rug made of 27" wide Wilton carpeting is egg plant color and the lamps are plum colored pottery jars with pleated shades of yellow linen, \$43 each, \$86

The following is a list of the furniture:
Sofa covered in glazed chintz \$302.50
Overstuffed chair covered in a heavy mauve colored ribbed cotton @ \$7.50 a yard.; \$75
Arm chair covered in blue and mauve

artificial silk \$119
Book table painted bluish green gold rubbed into grooves \$53 long, 28" high
Walnut tray table \$35, 29" high 10" x 15"
Hanging bookshelves \$45
Mahogany end table \$24, 26" 14" wide and 24" high
Wrought iron floor lamp with shade, \$33
2 plum colored pottery lamps pleated shades of yellow linen, \$43 each, \$86
Curtains of glazed chintz at \$3 yard, \$246.90 (This includes making charge of \$25 a pair)
Beige colored gauze for under curtains \$3.20 a yard. 50" wide
Egg plant colored rug, 12' 6" made of good quality Wilton pet, 27" wide, \$236.50
Total \$1257.90

(Continued from page 65)

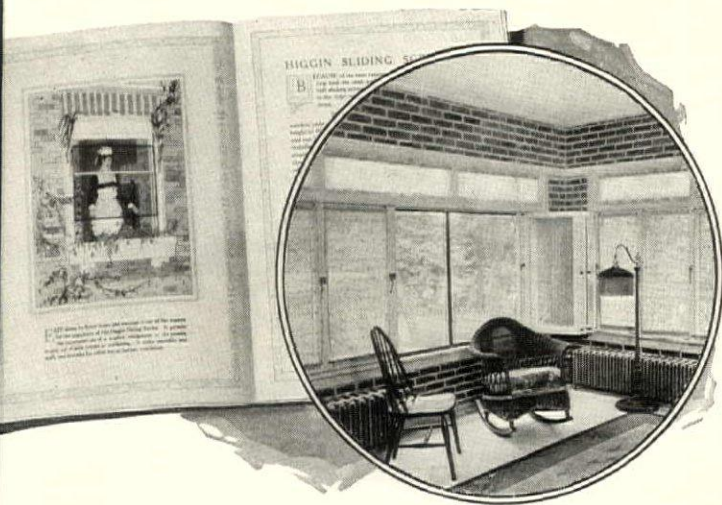
Wrought iron Italian candlesticks standing five feet high are placed at either side of the fireplace. The four-prong candlestick has two-inch beeswax candles while the one-prong stick is wired for electricity and has a parchment shade.
Couch (in denim) \$160, Covered in material @ \$4.50 and \$7.15 a yd. \$199.45
2 Arm chairs (in denim) @ \$70 each, \$140, Covered in material at \$7.15 a yd. \$197.20

2 Side Chairs @ \$75..... \$150
Chest on stand..... 12
Oak coffin stool..... 2
Oak oval table..... 6
Oak table..... 25
Credenza..... 11
2 Candle stands, \$30 & \$45... 7
Curtains of material @ \$7.15 a yd. and \$4.50 a yd. including making..... 13
Rug, 11 square yds. @ \$7.50 and \$4.80, labor..... 8

Total \$142



A heavy oak table of Spanish influence with ornate carvings and turned legs is used in the living room of the house designed by Howell & Thomas



Get this Book for
Window Screen Suggestions

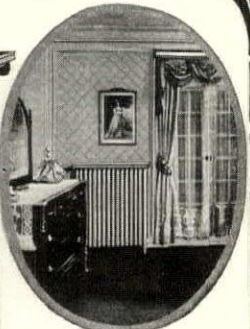
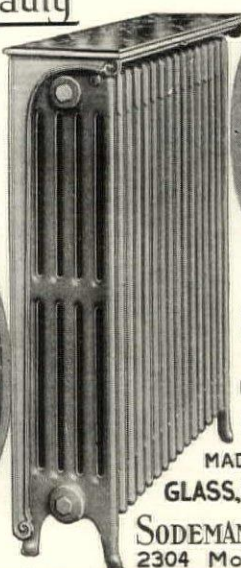
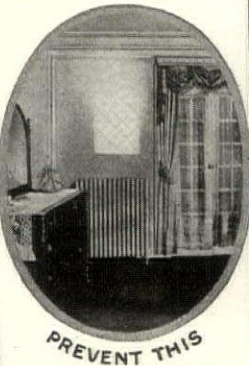
THIS free book on screening gives you information that will help you make your home more attractive and comfortable. It tells how to screen each room—how to screen a porch—a solarium—a casement window. It is easy to read and contains many interesting illustrations in color, showing how each type of screen is used to provide greatest convenience and durability. Send for your copy today.

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RADIATOR SHIELDS-

A thing of beauty
A protection
that pays for itself
many times



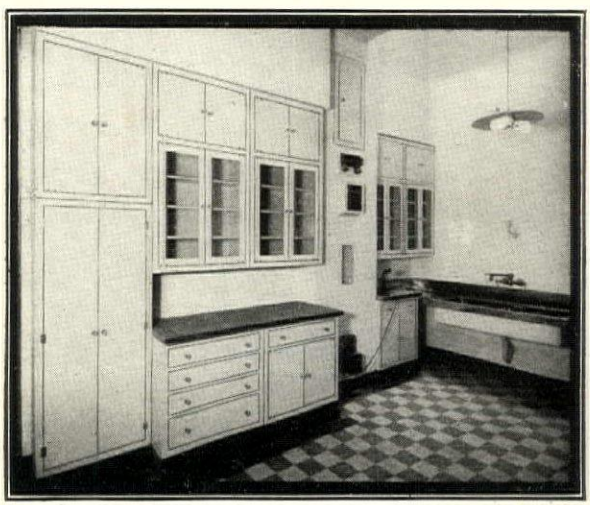
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SECTIONAL UNIT STEEL DRESSERS



Pantry in the
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For the Ideal Kitchen or Pantry

THEIR beauty and remarkable durability make White House Units the utmost in kitchen or pantry equipment. The whole White House Line, being manufactured in a unit system of varying designs and sizes, enables us to fill practically any space by combining units. To give greater durability and long life to these notable features, the whole White House Line is built of STEEL by exclusive and totally different methods of RIGID, WELDED construction. If you will send us your floor plan we will be glad to submit blue prints and estimates on White House Units to fill your spaces.

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Charming small home of Harold Kells, Toledo, Ohio; Archts. Trowbridge & Ackerman, New York City. Has 16-inch Moss Green "CREO-DIPT" Stained Shingle roof, in pleasing contrast with the 24-inch "CREO-DIPT" Stained Shingles on the side walls in "Dixie White" for true Colonial effect.



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"CREO-DIPT" Stained Shingles are economical;—cover far more surface because of no waste—will not rot, curl or warp—grow more beautiful without need of repainting or repairs.

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REG. U. S. PAT. OFF.





Wonderful New Hybrids

"Like cathedral spires"

The new hybrids of Astilbe strike a new and enchanting note in the symphony of beautiful flowers.

Foliage of lustrous green, surmounted by masses of tall plumelike spires of white and pink, to gladden your eye the whole summer long.

They rank among the very best of all border plants, wonderfully showy in beds, and fine as individual specimens or for cutting. Perfectly hardy and easy to grow anywhere, seeming to thrive best in partial shade and damp spots. Grow three feet tall. Fall is the best time to plant them.

The three finest Astilbes from a noteworthy collection

JUNO—Spires of deep violet-rose. 50 cts. each.

PYRAMID—Myriads of snowy white plumes. Showiest of all. 50 cts.

VESTA—Graceful pink plumes. 50 cts. each.

Special { 9 plants, 3 of each sort — \$4.00
36 plants, 12 of each sort — \$15.00

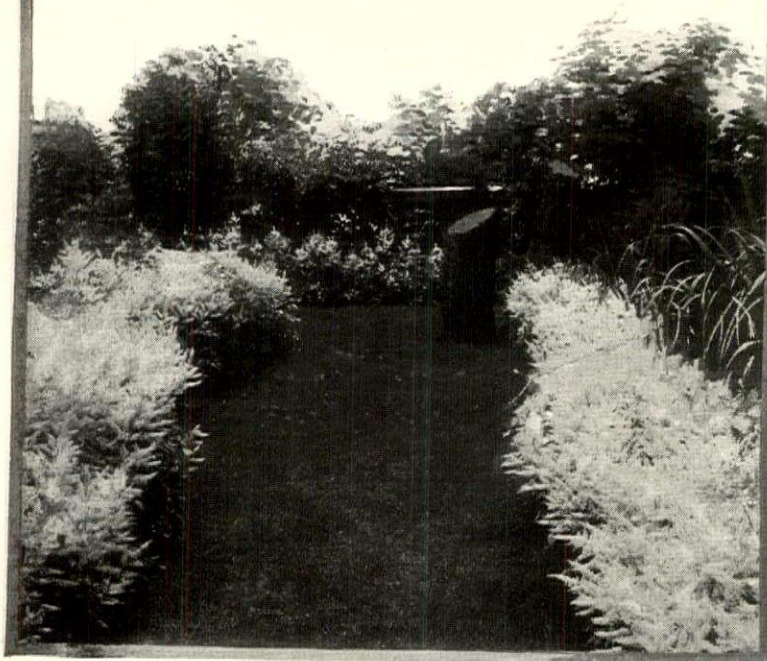
Supply limited. Please order promptly.

FREE—Elliott's Fall Planting Guide contains many practical suggestions and describes hundreds of hardy flowers and shrubs for fall planting. Sent free—a post card will bring it. Write today.

ELLIOTT NURSERY CO.

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Pittsburgh, Pa.



The material used for the wall hanging and chair covering is a cotton fabric printed in green and gold. It looks remarkably like old damask

L I V I N G R O O M

(Continued from page 66)

sufficient furniture. Spanish interiors are characterized by a look of bareness, almost of austerity, the people of that country preferring to rely for their decorative effects on brilliant wall hangings, richly carved doors and ceilings, lace-like wrought iron work and colored tiles.

As color is an important feature of interiors of this kind much thought was given to the color scheme of this room, for it is by means of colored wall hangings, interesting curtain fabrics and furniture coverings and such decorative accessories as lamps, candlesticks and vivid bowls and jars that the bare, bleak look of a room of this description is overcome.

The walls are plaster, slightly rough in texture and tinted a deep pinkish cream tone. The woodwork, what there is of it, and the exposed beam ceiling and floor are stained very dark. This contrast of light and shade, further emphasized by the wrought-iron railing on the stairway is one of the most attractive features of the room.

The cool expanse of plaster walls makes the most effective of all backgrounds for the vivid fabric of the curtains—a heavy hand-blocked linen, sixty inches wide, the design of which was inspired by the work of the great Spanish painter and etcher, Goya. This pattern with its sweeping scrolls, interesting cartouches depicting a Spanish cavalier and his lady, and graceful clusters of flowers is typically Spanish in coloring. The ground is green, the cartouches black and white outlined by gold scrolls and the flowers surrounding these motifs copper, mauve, blue, pink and red. It is an enchanting fabric and quite compensates for the bare walls and lack of decorative objects. A room of this kind with windows usually opening on to a patio or garden does not need another set of curtains, but if these are deemed necessary there is a sunfast changeable copper and gold gauze that would repeat the tones of the overhangings.

The color scheme of green, gold and copper has been followed in the coverings of the furniture. The sofa is done in a heavy cotton sunfast material in a wide green and copper

stripe and the overstuffed chair bears it in a deep gold colored ribbed fabric also sunfast. Both these materials unusually effective, and are practical and suitable to a house of this kind. The wall-hanging back of the table by the stairway, which so effectively silhouettes a graceful gilded Venetian mirror, is a printed cotton that looks remarkably like old damask at a fraction of the cost. This is also used to cover the Italian chair by the window. It is green and gold. The chair by the table (shown in three plan but not the sketch of the room) is low, very comfortable, and is covered with red leather. Further color notes are provided by the tiles around the fireplace, the lamps made of Spanish tiles in blue, copper and yellow and a Majolica vase on the table.

Following is a list of the furniture in this room with the prices:—

6' overstuffed sofa covered in striped sunfast cotton material, @ \$6.75 yd. \$214.88
Overstuffed Lawson chair covered in heavy ribbed sunfast cotton fabric @ \$7.25 a yd. \$139
Red leather chair, \$130
Walnut table behind sofa, 54" x 26 29" high, \$116
Table against wall-hanging, walnut with iron underbracing, 3' 6" 21", 30" high, \$108
Walnut desk 43" wide, 44" high, \$100
Ladder back chair, brown mahogany with rush seat, \$38
Italian oak chair covered in Fortunio print, \$100
Small end table in walnut, \$18
Gilt Venetian mirror 33" high, 19" wide, \$35
Spanish pottery lamps with parchment shades, \$35 each
Curtains of Goya linen, 60" wide @ \$12 a yard, \$208. This estimate includes the making charge of \$2 a pair
If under curtains are required use changeable copper and gold gauze 50" wide at \$1.95 a yard
Wall-hanging, 5' wide of green and gold Fortunio print bound in gold galloon, \$79.70. This material is 25" wide, \$6 a yard
Rug of 36" taupe colored Wilton carpeting, 15' x 26', \$250.50
Total, \$1602.08



Ornamental Gates

Fine traditions inspire the ornamental ironworker as he fashions with the painstaking care of the artificer of days gone by. His is a craft many centuries old.

The art of the ornamental ironworker is one which calls for a high degree of individual craftsmanship—for good taste and a fine appreciation of beauty on one hand, and true regard for purely utilitarian and mechanical considerations on the other.

In making Anchor Post Ornamental Gates, master craftsmen and engineers combine their skill and years of experience. The gate shown, an example of their work, was made from designs by Charles C. Grant, Architect. It is the main entrance gate to "Coulallenby," one of the largest and most beautiful estates near Cleveland, Ohio.

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Peonies and Irises. A complete catalog of Hardy Perennials, Peonies and Irises, Old Fashioned Flowers, and Rock Garden Plants Beautifully illustrated in color and black. It contains an alphabetical table of Hardy Herbaceous Plants indicating flowering period, approximate height and color.

AMERICAN GROWN ROSES

Is the title of our Rose Catalog. It has 63 pages replete with illustrations and descriptions. 75 varieties are portrayed in color. We have many thousands of potted fieldgrown dwarf and climbing Roses for immediate outdoor planting. Many of them are new and rare, among them are European and American Novelties. A list of our potted Roses will be sent on application.

POTGROWN PLANTS AND VINES

We are growing in pots for summer planting Heather in variety, Japanese Holly, Evergreen Hawthorne, Euonymus in variety, Wistaria, Clematis, Hop Vines, Honeysuckle, Silver Lace Vine—all are described in our special pamphlet.

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An illustrated Catalog of Nursery Stock; Evergreens, Evergreen Shrubs, Deciduous Trees, Flowering Shrubs, Hedge Plants, Hardy Vines, Fruits and House Plants. In your request for catalog, it is important to state definitely the kind of plants you intend to plant.

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RUTHERFORD, N. J.



Six Splendid Young EVERGREENS

for a Doorway Planting

These six plants are selected as especially desirable for a simple planting at a doorway or path entrance which may easily become a starting point for the gradual development of such an arrangement as is pictured above—

- 2 Pyramid Arborvitae (*Thuja Pyramidales*). Grows upright in columnar form; beautiful dense feathery foliage of a light green color at tips. Very hardy. 2 to 3 feet.
- 2 Greek Juniper (*Juniperus Stricta*). Of great beauty and adaptability. 1½ to 2 ft.

- 2 Pfitzer's Junipers (*Juniperus Pfitzeriana*). A comparatively new spreading variety, with silver green foliage. Hardy and absolutely dependable. 15 to 18 in.

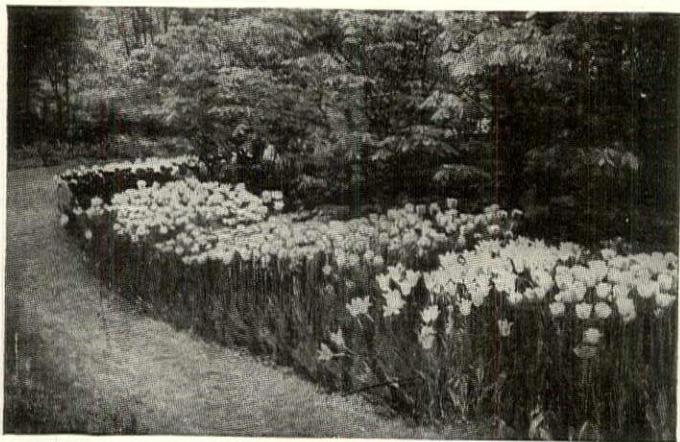
These six evergreens, delivered, carefully packed and crated to the express carrier with full directions for planting, for

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Plant Sekling's Bulbs This Fall

DARWINS and Cottage, single and double, early and late,—their lovely cups brimming with color and nodding a merry "good morning" to you every day for weeks—from early April to June in fact—How can you afford to miss them!

You can't have too many of them! Order now and generously, plant them this fall and we promise you a winter of pleasant anticipation, a springtime full of delightful surprises and years of happy memories:—

To bring the joys of Tulip time to as many as possible we make the following very special offers, all bulbs guaranteed top size and very first quality.

Schling's Special Border Collection

Of gorgeous Darwin and Cottage Tulips
(as pictured above in order from right to left)

	Per 100	Per 1,000
Clara Butt—Exquisite Salmon pink Darwin	\$4.50	\$40.00
Picotee—White cottage petals edged with pink	4.50	40.00
Pride of Haarlem—Darwin American Beauty color	5.00	45.00
Dream—Charming lavender Darwin	5.50	50.00
Breeze—Queen—Buff tinged with golden bronze	5.00	45.00
Zulu—Enormous size Darwin of deep velvety purple	5.50	50.00
Golden Beauty—Glorious golden yellow cottage	5.00	45.00

25 Bulbs at 100 rate; 250 Bulbs at 1,000 rate

Very Special

100 Bulbs each of 7 varieties above (700 in all)	\$ 32.00
1,000 Bulbs each of 7 varieties above (7,000 in all)	290.00

5% Discount if cash accompanies order

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Each a wonderful value—at present prices

100 Single Early Tulips in 10 named varieties	\$4.00
100 Double Early Tulips in 10 named varieties	4.50
100 Darwin Tulips in 10 named varieties	4.50
100 Cottage Tulips in 10 named varieties	4.50
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100 Parrot or Orchid Tulips in 4 named varieties	5.00
100 Narcissi or Daffodils for naturalizing and lawn planting. Airy Trumpets, Medium Trumpets shortcupped and the lovely Poet's varieties	5.00
100 Bedding Hyacinths in 4 colors	7.00
100 Named Hyacinths, 2nd size, 4 varieties	9.00
100 Named Hyacinths exhibition or top size in 10 named varieties for pots and glasses	17.00

5% Discount—if cash accompanies order

Extraordinary Offer

100 DARWIN TULIPS for only \$3⁵⁰

Choiceest, first-size bulbs, sure to bloom. Schling's Special Mixture made up especially for us from ten of the finest named varieties—not at all the ordinary field-grown mixture usually sold.

A \$5.00 value for only \$3.50, or, if you prefer, 50 bulbs for \$2.00

Sekling's Bulbs

26 West 59th Street, New York

Gentlemen:

Please enter my order for the bulbs checked above. [] I enclose remittance minus 5% cash discount (or) [] Please send them C. O. D. (check which).

Name _____

Address _____

FOUR SMALLER LIVING ROOM

(Continued from page 61)

Two small arm chairs are painted grey and antiqued, and are covered in striped blue and white taffeta and sprigged with small rose colored flower clusters. The bergère is of natural finished wood and is covered with a heavy striped mercerized rep in dull tan and rose. The small side chair is covered in a heavy old rose satin, and is of natural finished wood. The side chair, which is used as a desk chair, is elaborately carved and has a rattan back and seat.

The circular table is of carved wood and has a variegated yellow marble top surrounded with a pierced brass gallery. The tall chest of drawers, used as a music cabinet, and the console, are similar pieces made of inlaid woods with yellow and brown marble tops and bronze mountings in dull antique finish. The table desk is of walnut with a set-in top of a yellow and rose checked fabric.

The sofa, which is a reproduction of a Sheraton model, is covered in dull prune-colored chintz with bright floral flower clusters in reds, blues and yellows. The frame is mahogany.

Amethyst glass pillar lamps with

bronze mountings and shades of prints are used on the table desk. Vases of old Chelsea and Ch pottery in vivid blues and greens used for flowers. The clock is of green marble set off with bronze mountings.

Below are listed the articles of furniture and their prices.

Bergère covered in sunfast fabric	\$150
2 arm chairs @ \$85	170
Satin covered side chair	30
Side chair	45
Sofa covered in chintz	182
Table (32" diameter)	45
Table desk	150
Console	250
Chest of drawers	125
Lamps @ \$30 each	60
Curtains of satin surfaced sundoir fabric @ \$4.15 a yard including making charge at approximately \$25 a pair	169
Rug 9' x 18' made of carpeting, @ \$7.50 square yd.	
\$135, Labor \$15	150

Total \$1534

ON HOUSE & GARDEN'S BOOK SHELF

MASTERS OF ARCHITECTURE.

Inigo Jones, with an introduction by Stanley C. Ramsey. *Chambers*, with an introduction by A. Trystan Edwards. *Vanbrugh*, with an introduction by Christian Barman. *Hawksmoor*, with an introduction by H. S. Goodhart-Rendel. Published by Charles Scribner's Sons.

If there were a Pulitzer Prize for publishing (and why, by the way, isn't there?) it would have to go one year to Charles Scribner's Sons for conspicuous merit in making European art publications available for American readers without the bother of following foreign reviews, sending money abroad and steering their importations through the customs house.

The series of which we have four numbers before us is not the most distinguished or luxurious sponsored by this house; but in its modest fashion it should be useful to professional architects and interesting to the many amateurs of architecture who have sprung up in this country in the past decade—perhaps not without inspiration and instruction from the magazine which carries this review.

Inigo Jones was an architect whose opportunities never measured up to his genius. Had they done so, the interval between him and Wren in general appreciation would certainly have been narrowed. As it is, he undoubtedly stands second to Sir Christopher in the roll of British architects, and if a world-table of architectural rankings could be established his name would not be far down the list. A good selection of his work, public and domestic, urban and rural, general and detailed is shown in the plates which follow the introduction.

Sir William Chambers is best known as the builder of Somerset House—a monument to his talent which the

casual visitor to London would estimate more highly if the mode of development of the city had enabled one to see it better. It is a noble mass, and the majority of the illustrations in this volume are wisely devoted to it. But Chambers' fine entrances to Blenheim and Wilton are also shown, and some of his charming pavilions and temples in Kew Garden (which he laid out), together with his unfortunate attempt to suit Chinese architecture to European purposes, exemplified in the Kew Pagoda.

Mention of Blenheim brings us to the third of these British masters, Sir John Vanbrugh, better known perhaps as a dramatist. It is not altogether fanciful to find a parallel between the untutored genius of his writing and the spontaneous—almost reckless—invention shown in his Blenheim Palace and Castle Howard. His taste was not impeccable, but his inspiration was unflagging, and nothing that he produced is without lesson for the sympathetic observer.

Nicholas Hawksmoor is the most obscure of the quartette, because, as his present interpreter says, "If a building of Hawksmoor please, Fame credits it to Wren; if it fail to please then Hawksmoor can have it." In those days of less meticulous recording, when one man would draw the plans and another man supervise their execution, it was not always easy to apportion the credit—or affix the blame—for the finished result. But Hawksmoor was undoubtedly responsible for the western towers of Westminster Abbey, and the four or five London churches which are certainly his and the mausoleum at Castle Howard are achievements worthy of the pupil of Wren and the collaborator with Vanbrugh.

Each of these volumes has an intelligent introduction of thirty pages, and contains some 35 plates.

ember, 1924

I Don't Want to Move Them So I Will Sell Them at Reduced Prices This Fall

ALL of my customers, and most of my friends, know that I have secured a new location for my nursery, some twelve miles from Wyomissing. Moving all my Iris, Peonies, Poppies, and other perennials will be a tremendous task. I don't want to do it, so I am making special reduced prices on all plants now growing in the Wyomissing fields.

Some Prices are Cut in Half Others are Reduced Still More

This is your opportunity to get Farr's Perennials at bargain prices. I feel sure that the supply at Wyomissing will be absorbed quickly—so you should write at once for "The Moving Sale Bulletin" which gives full details, and for a copy of "Better Plants—by Farr." These will tell the story. If you want some real plant bargains, write today.

BERTRAND H. FARR—
Wyomissing Nurseries Co.

106 Garfield Avenue

Wyomissing, Penna.



Fiske Fences for Permanence

Thousands of country estates, game preserves, model farms, public and private grounds, all over the nation, attest to the endurance of Fiske Climb-Proof Chain Link Fences.

Fiske fence posts, set deep in concrete, cannot rust at the ground, and the wire fabric is galvanized after, not before, it is woven, thus making it absolutely rust proof.

This fence, because of Fiske special construction, is climb proof.

We contract either to do the installation work or to furnish plans and blueprints with full erecting instructions.

Send for Fiske Catalog 19
Mention items
interested in

J.W. Fiske IRON WORKS
ORNAMENTAL IRON WORK
80 Park Place ~ New York
ESTABLISHED 1858



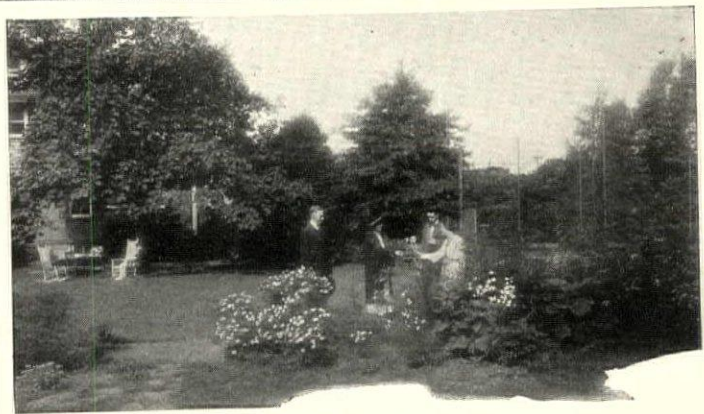
WEATHER VANE
Eagle and arrow design. Made of copper, gold leafed, 20-inch wing spread. Price Complete \$20.00.
Other sizes and designs carried in stock

Fiske also Makes

Andirons, Aquaria, Bronze Tablets, Fencing, Fountains, Garden Furniture, Lamp Posts, Lighting Brackets, Road Boxes, Rose Arches, Spiral Stairs, Stable Fittings, Sun Dials, Tennis Court Enclosures, Tree Guards, Weather Vanes, Walk Boxes

Write for Catalog 19

Check off items above that you are interested in.



A Flowerful Border For Your Lawn

PERENNIALS are so dependable! Plant them for flowers in the garden and for cutting for indoor decoration. They eliminate troublesome sowing of seed each Spring, for they come up of themselves each year, with an ever increasing luxury of foliage and flowers.

Perennials offer an endless variety of form, color and fragrance. From early Spring to Autumn frosts they flower in gorgeous profusion.

A Concrete Suggestion

Just think, you can easily have such a storehouse of beauty and perfume right in your own garden. It's perfectly simple. We have a Special Offer of a 20 foot border of Perennial Flowers (with planting plan) for \$12.50. It shows just how to arrange the plants for the best effect.

Order direct from this advertisement, or, if you prefer to make your own selections, send for our descriptive catalog.

Ask also for special booklet H.

Moons' Nurseries
THE WM. H. MOON CO.
MORRISVILLE PENNSYLVANIA
which is 1 mile from Trenton, N.J.

You are going to buy roses from someone Buy our Star roses—then you'll know your roses will bloom!

Our new Fall catalog, with "The Golden Rose of China" shown in full color, tells about roses, peonies, evergreens, hardy shrubs, iris, tulips, hyacinths, etc., for every locality, every size of garden, every size of pocketbook.

The catalog is FREE—write today. It will help to answer your questions about roses—how to begin a real rose garden on limited funds or any other problem in rose culture. Helping folks to get more and better roses is our specialty.

Don't risk putting it off—write for the best Fall catalog we've ever issued—your copy is all ready to mail, and it is FREE.

The 175 Rose bushes which we purchased from you this spring were wonderful plants, in fact we never had nicer ones and regardless of the bad spring which we had, they are doing well for us.

L. B. E.
Cooperstown, N. Y.

Conard & Jones Co.

Robert Pyle, President

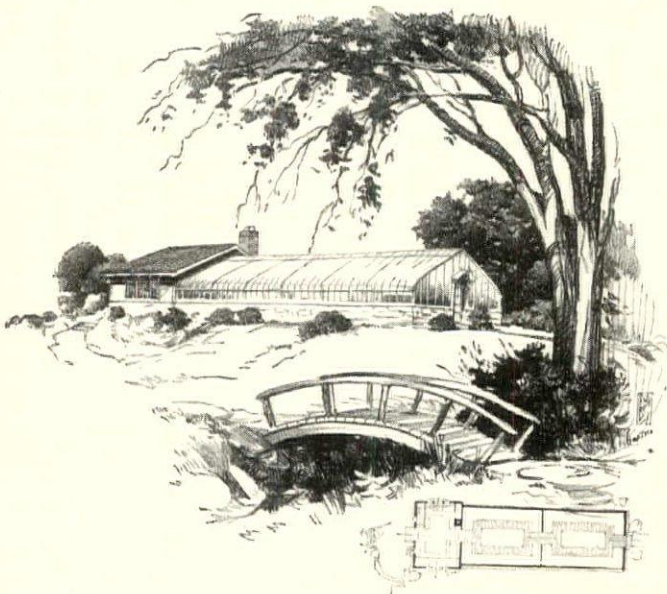
West Grove

Box 24

Rose
Specialists
Penna.

CONARD ★ ROSES
Guaranteed to Bloom

Glass Gardens



So Now Let's Talk About Your Glass Garden

LET'S talk over that Perpetual Garden of flowers you have so long seen in your mind's eye.

Let's see if the location you have been thinking of is the best one.

Let's see if we can't take your idea and make it yield even more joy than your fondest anticipations.

Having done it so many times for others, the chances are we can do it rather satisfactorily for you.

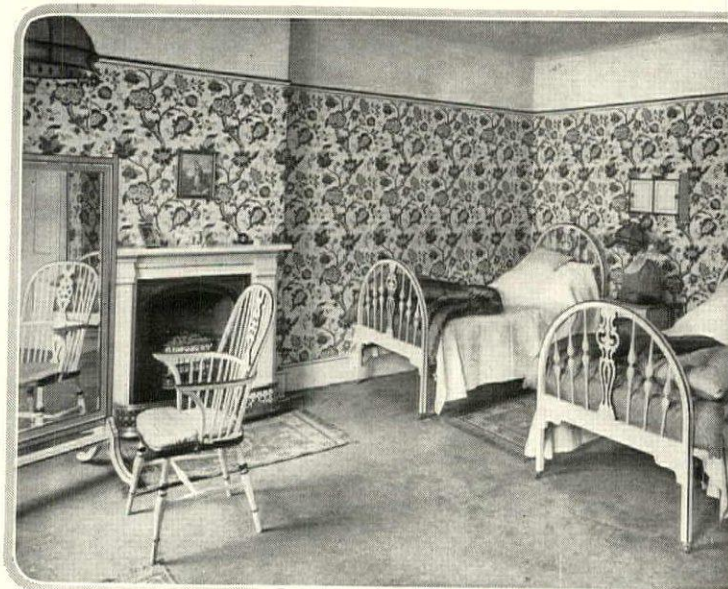
The fact that we have been building greenhouses for over half a century holds conviction.

To our printed matter you are, of course, most welcome.

Lord & Burnham Co.

Builders of Greenhouses and Conservatories

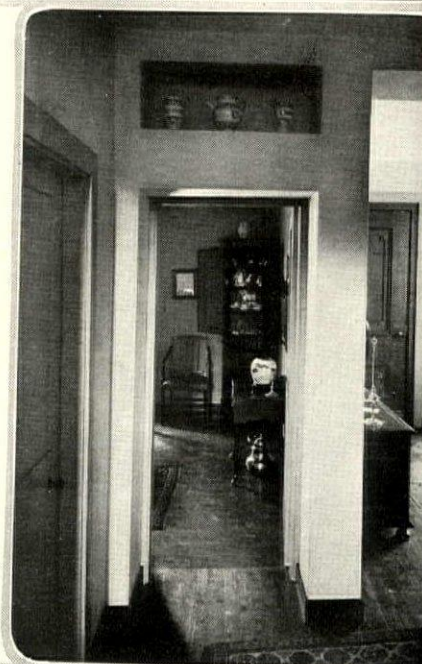
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		Jackson Bldg.



Wall paper in a bold Jacobean design makes a cheerful and brilliant background for white painted furniture and woodwork in the bedroom above

ENGLISH COTTAGE INTERIORS

Interesting features of this hallway are the difference in the height of the doorways and the niche over the left entrance holding three pottery jugs



The dining room at the left is furnished with English far house things



The modern hand-made furniture in the cottage room below is excellent



The gay gingham curtains and tiled floor contrast pleasingly with the plain plaster walls and dark furniture in the room at the right



The peony shown at the left is the magnificent Japanese Tokio. The color is a lovely old rose, with a central tuft of golden stamens

Like Great Wild Roses With Hearts of Gold

PEONIES

Make a life-time investment in beauty with the Rosedale Peonies. Nearly all varieties to choose from—all beautiful, many fragrant. Our big, sturdy crowns are strongly rooted. Planted this Fall, they will bloom next spring. There's a strength in our stiff stchester soil that puts vim into the plants. The utmost vigilance is used to keep them true to name. You get what you pay for when you order from Rosedale.

OUR AUTUMN BOOKLET - NOW READY

Describes all these Hardy Flowers in detail. It also lists one of the most complete lines of Nursery Stock to be found in the Empire State: Evergreens in large sizes, Shade Trees and Fruit Trees, big enough to bear. All these have been repeatedly transplanted to develop heavy root-growth. Write for your copy of our Autumn Booklet—today.

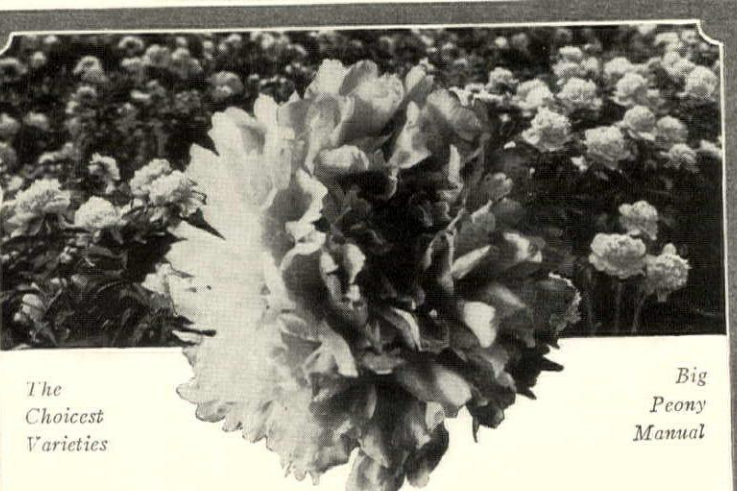
ROSEDALE NURSERIES
"Outfitters for the Home Grounds"
"Prices as Low as Consistent with Highest Quality"

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IRISES

Surprise your friends with our immense Japanese Irises. Single blooms measure from nine to twelve inches across. Then there are the Victory Bearded Irises not so large but quite as beautiful. And don't forget the Pallidas.

Let us send you a dozen selected Irises, giving a full range of color: Alcazar, Eldorado, Col. Corwin, Fairy, Kochii, Monsignor, Niebelungen, Pal. Dalmatica, Loreley, Mrs. Neubrunner, Pal. Albert Victor, Pal. Speciosa. All twelve for only \$3.50. Order today.



The Choicest Varieties

Big Peony Manual

World's Most Beautiful Peonies

We are carrying in stock this season, for fall sales, what we believe to be the largest stock in the world, of the choicest of the world's most beautiful peonies.

Commencing in September we can supply in large, well grown yearling plants, or in our usual large divisions, the following choice varieties:

Le Cygne; Solange; Lady Alex. Duff; La Fee; Tourangelie; Longfellow; Philippe Rivoire; Luetta Pfeiffer; President Wilson; Mme. Jules Dessert; Kelway's Glorious; Therese; Frances Willard; Martha Bulloch and many others.

Remember that Brand's Peonies captured the three big prizes at the 1923 National Show of the American Peony Society (two Gold Medals and the Silver Medal) It being the first time in the history of the Society that all three medals were awarded to one grower.

Brand's Big Peony Manual tells all about this wonderful choice stock, the most beautiful contributions in recent years to the peony world, and offers one of the largest lists of Japanese peonies carried in America. It also makes a special offer on that great Japanese peony "Fuyaja." It is free with an order, otherwise 35c.

Growers of Peonies over 50 Years
THE BRAND PEONY FARMS
Box 20 Faribault, Minn.



Get Them While It's Possible

Any time after this year it may become impossible to import Daffodils. And wise indeed is the gardener who anticipates and provides future Daffodil displays NOW! Among the hundreds of beautiful varieties available in different classes, none, in our estimation, rank higher than the

Giant Trumpet Daffodils

Bound to give you a real floral display next spring:—

Van Waveren's Giant. The largest of all. 35c each; \$3.50 per doz.
Trumpet Major. Early, rich golden yellow. 7c each; 70c per doz.
Olympia. Artistic flowers of rich deep yellow. 30c each; \$2.75 per doz.
Mme. de Graaff. White and primrose. 10c each; \$1 per doz.
King Alfred. Largest of the golden yellow, trumpet type. 20c each; \$2.00 per doz.
Golden Spur. Rich yellow; free bloomer. 10c each; \$1 per doz.
Glory of Leiden. Massive flowers of great beauty. 12c each; \$1.15 per doz.

Giant Princeps. Sulphur white and rich yellow color combination. 8c each; 75c per doz.
Empress. Snow-white perianth and rich yellow trumpet. 12c each; \$1.15 per doz.
Emperor. Pure yellow of immense size. 12c each; \$1.15 per doz.
Bicolor Victoria. Delicately perfumed. White and yellow. 12c each; \$1.15 per doz.

Price: by express at customer's expense.
By parcel post add 10% to cover postage.

Special Collection Offers:

3 each of 11 Giant Sorts— 33 bulbs—	\$4.40	By
6 each of 11 Giant Sorts— 66 bulbs—	8.25	Mail
12 each of 11 Giant Sorts—132 bulbs—	15.40	Post-
25 each of 11 Giant Sorts—275 bulbs—	30.00	paid

Dreer's Autumn Catalogue

Abounds with many other offers of Tulips, Hyacinths and other Dutch bulbs, besides seeds and plants for Fall planting. Gladly mailed to all mentioning this publication.

Henry A. Dreer
1306 Spring Garden St.

Philadelphia
Penna.



Perfect Drives! quickly obtained ~ easily maintained

The perfect driveway is readily obtained and easily maintained by the use of Solvay Calcium Chloride, a clean, white, deliquescent, chemical salt which has the peculiar property of attracting moisture to itself, and quickly combining with the surface to which it is applied.

While absolutely odorless, and harmless to rubber tires and shoes, horses' hoofs, clothing, etc., Solvay Calcium Chloride is a sure destroyer of weeds as well as a perfect surface binder and dust preventive. It will not track or stain.

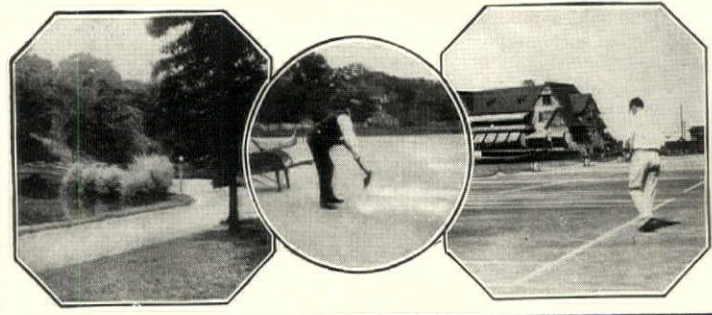
Tennis courts, too, are made faster, better!

Solvay is ideal for tennis courts—prevents dust and weeds, keeps the court hard and resilient and relieves sun glare. Packed in air-tight steel drums, Solvay comes all ready to apply; a shovel is all you need to do the work properly.

Write for booklet No. 1357.

The Solvay Process Company
Wing & Evans, Inc., Sales Division
40 Rector Street, New York

SOLVAY CALCIUM CHLORIDE





You Can't BUY Apples Like These

*You Must Grow Them Yourself
and Gee! They Taste Bully*

FRUIT off your own trees—nothing else tastes as good. Extra fine varieties—especially selected stock with wonderfully developed fibrous root systems—will make your fruit trees unequalled in the whole neighborhood.

**Plant NOW and enjoy your own fruit
one year sooner—don't wait till
next spring and lose a whole year.**

Mayo Nurseries super size fruit trees (Peaches, Plums, Apples, Pears, Cherries and Quinces) are well grown trees—soon to bear fruit so that you don't have to wait years for results. They cost a bit more—but they are worth *much* more for you get fruit sooner—and in generous quantity that will tempt the appetite with its lusciousness and delight the eye with its size and beauty.

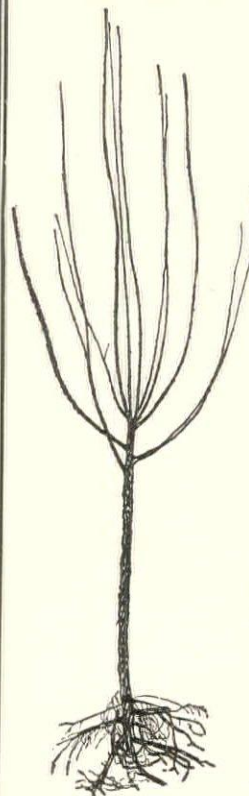
Plant all Berry Bushes now and Enjoy fruit all next summer

Old fashioned delicious Blueberries—red, white, yellow or black Raspberries—Currants on charming little trees—extra fine (bearing age) Grapevines with heavy root systems, and other new and novel varieties of berries are included in our new

Fall Fruit and Berry Catalogue

"Make the Indian Summer Golden", beautifully illustrated in colors, now ready for gratuitous distribution. Write for it.

This catalogue offers a selection of fruit trees and berry bushes which has proved to be most satisfactory because of hardiness against climatic changes, prolific yield, delightful quality of fruit and early bearing.



7 to 9 feet high. 4 to 5 years old. Perfectly developed in roots and tops—strong vigorous growth—superb apple trees

MAYO NURSERIES, INC.

Nurserymen and Landscape Architects

905 Ellwanger & Barry Building, Rochester, N. Y.
Nurseries at Rochester, N. Y. and Southwick, Mass.

MAKING KITCHEN WORK LIGHT

LESLIE PETERS

WHO of us would put a desk in a dark place, and then sit in the dark and try to work? Who of us would place our dressing table miles from a lighting fixture and feel comfortable or efficient? Who would place a shaving stand where there was no opportunity for artificial light? Yet the kitchen sink and other culinary working surfaces are built in or placed as if they were never to be used with artificial light and as if a storm were never to come which would darken the otherwise light bringing windows.

The case for the unlighted kitchen has become so poignant that the electric companies, killing two birds with one electric flash, have been going about showing people economical ways of lighting their kitchens. Now, this economical program is not only important for the saving of time, which can be accomplished by comfortable lighting facilities, but it has health economies, as well.

THE STRAIN OF BAD LIGHTS

Preparing meals in the dusk, or in the evening, creates eye strain when the light is either glaring or dim. When the eyes are strained the whole digestive tract gets a subtle set back. With the digestive tract in turmoil we have, all in all, a rather unhappy condition. And it is still further unhappy, because this condition of bad lighting is so unnecessary, so senseless, when there are means at hand to so swiftly set the kitchen in order.

You well know how you have to bend your back over a surface when you cannot see well what you are doing, so here, too, is muscle strain, which can be banished with proper lights near the places at which you must do your work.

Furthermore, the kitchen, which is the most important room in the house, and which should be kept as scrupulously clean as a laboratory, must be well lighted to rout out dirt. You cannot keep a place clean unless you can see to clean! Many of the kitchens we have seen are clean in the "open spaces" but often, in the corners, there is grime, and it is due usually to the lack of penetrating light and not to human unawareness.

The problem is simple. "Brighten the corner where you are" is just as good a slogan for kitchen illuminating as for Billy Sunday and to brighten, means the proper light in the proper place.

LARGE LIGHTS

If you have a small kitchen, a 75 to 100 watt lamp will beautifully light you on your way. But if the kitchen is much larger than 10 by 12 and if you have the sink or table recessed in an angle of even a small kitchen, you must, to be happy and comfortable, have a light over the sink or one on each side of the sink.

All sorts of lights have been used and thrown out from the kitchen but the semi-indirect light with frosted or opalescent globe makes a rich light and does away with glare.

The lights near or over the sink need be but from 40 to 50 watts: they should preferably be of frosted glass

set in glass shades to prevent glare which is worse than no light at all.

Another place of importance to culinary work is the refrigerator recess. Here, a light is exceedingly important, and yet, very often I have seen the cook or the housewife or two in one, peer and peer into the recess to see what was inside. Often, they are left, to mold inside, by an interested maid, because there was no light, wherewith she might rap and easily detect a piece of food which had passed its usefulness, was bound to flourish and, out of pique, make a miserable mess for the rest of the good food stuffs in the chest.

All this loss of time and loss of material is wicked, when a small lighting fixture could obviate the uncertainty of bad vision and introduce sure performance.

These lights over the sink and refrigerator can either work on a chain (pull) fixture or be controlled by switch as you enter the kitchen. The center light in the kitchen ought to be governed by a switch at any rate and if this is so, the other lights could be on a pull chain. The switch would light the kitchen so that you will not break your neck getting to the refrigerator for the midnight snack, the hasty need of ice or milk in the night, for illness or other emergency.

EXTRA OUTLETS

Of course, if you have appliances outlets sprinkled in modern profusion about the kitchen, laundry, and pantry you can attach a little lamp wherever you happen to need a light in various times, such as preparing, with extra friendly help, for a buffet supper, night, or the picnic for next day, or swift preserving and the like. So, whereas the center light and the side lights and refrigerator are adequate most of the time, extra appliance outlets will keep you serviced for extra lights or extra electrical appliances wherever they may be.

And to go a little further from the sink! Should you have dark subterranean closets in the kitchen, a well light in their confines will make the back bend less lengthy in time, and less heart breaking in feeling.

Lighting the kitchen is the last thing people seem to think about and it should be the first. Is it not a better feeling to know that food is prepared where any tiny foreign matter can be detected, rather than have it prepared where it is dark, and where alien enemies can creep in unseen to do their clever work?

STORE ROOM LIGHTS

No place is there more necessity for lighting proficiency as in the place where food is prepared and kept, which, of course, includes the store room. Light is an enemy of the things of darkness, so while you can, make your kitchen a place of wholesomeness by lighting it well and thereby lightening the labor too.

"Brighten the corner where you are" and your kitchen, pantry and laundry will be more comforting places.

LANT PEONIES NOW

most splendid flower in cultivation. The delicate fragrance, ant shape and form and the great variety of shades make them



favorites everywhere. Our collection is one of the largest in the world. We guarantee all of our Peonies—true to name.

Can you imagine one hundred miles of Peony bloom in one field at one time? Our planting comprises over 938 varieties from which to make your selection. We are making you the following "Get Acquainted Offer" at very low prices. These are all splendid strong divisions with from two to five eyes. Every peony in this collection is a gem. Try them.

OLD GARDEN COLLECTION

ould be planted by the entire nation—orous growth and lots of bloom.

- Tulipa—blush white \$.75
- este Guerin—tinged carmine75
- tiva Maxima—finest white75
- eleatante—velvety crimson75
- ronne d'Or—snow white75

\$3.75

The entire collection for \$3.00

GRANDMOTHER'S COLLECTION

Here's the flawless, exquisite collection for the artistic taste.

- Albert Crousse—sea-shell pink \$1.00
- Mons. Jules Elie—lilac pink 1.00
- La Rosiere—white and gold 1.00
- Mons. Dupont—ivory white 1.00
- Agid—a bright red 1.00

\$5.00

The entire collection for \$4.00

PEONIES FOR PLEASURE." A beautiful Booklet de Luxe. A great treat for every peony admirer. Gives you beautiful, life-like views of our entire line and provides an accurate guide for ordering. Gives facts and helpful cultural directions. Write for your copy today.

Darwin Tulips—the long stemmed kind

- Painted Lady—creamy white
- Nora Ware—silver lilac
- Pride of Haarlem—violet rose
- Gretchen—soft pink
- Yellow Darwin—yellow
- Kate Greenaway—lilac rose

1 dozen any variety 60 cents

The entire collection—6 dozen for \$3.00

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DEPARTMENT 212
SPRINGFIELD, OHIO

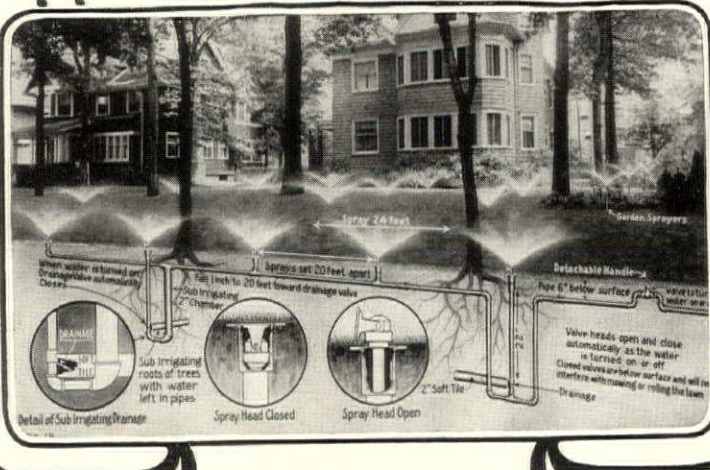
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Frost-Proof Underground
Sprinkling System

THIS simple system of lawn irrigation is easy to install. Anyone can do it—or we'll take care of it and give you a 5-year service guarantee. Send rough sketch of grounds and our Engineering Dept. will submit plans to you at once. The only truly automatic system—operating on low pressure—going into action without human aid. Clock control. Rain's only rival! Covers grass, flowers and foliage with a generous, gentle, mist-like spray. Insures luxuriant growth of all plant life. An "invisible" system that will make the grounds surrounding your home a glorious "oasis" in a desert of neglected and under-nourished lawns. Send for new booklet of attractive photographs and interesting, common-sense mechanical facts.

BROOKS, LANDSCAPE IRRIGATION ENGINEERS
10226-A WOODWARD AVENUE, DETROIT, MICH.

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West Palm Beach, Fla., Office: 605 Guaranty Bldg.



Old Gardener FERTILIZER



for your
Lawn and
Shrubbery

Contains in concentrated form the plant foods and soil sweeteners used by professional gardeners, who apply a top-dressing on their fine lawns and shrubbery every fall.

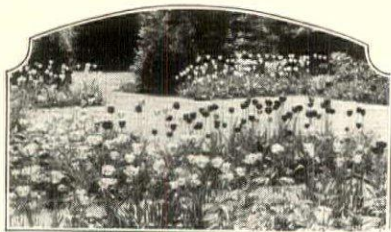
No need of using a coarse, low-grade, odorous fertilizer. "Old Gardener" is absolutely odorless, harmless, clean and easy to use.

A little goes a long way and produces amazing results. Ten pounds sufficient for 600 square feet. Comes also in 1-pound cans (for flowers, ferns, pot plants) and 25- and 50-pound bags. If your dealer doesn't have it, send coupon with \$1.00 for a 10-pound bag and leaflet on care of lawns and shrubbery.



UNITED CHEMICAL PRODUCTS CO.
1205 CHAMBER OF COMMERCE BLDG., PITTSBURGH, PA.

Send me.....10-pound bags of "Old Gardener" Fertilizer, and leaflet. I enclose \$.....



SHUMWAY'S

"Pedigreed" Bulbs

All Guaranteed Seed Blooming

Plant a Radiant Garden of Tulips
This Fall

- 50 bulbs Giant Darwins,
10 varieties \$1.85
- 100 bulbs Giant Darwins,
10 varieties \$3.25
- 50 bulbs Giant Breeders,
8 varieties \$1.90
- 100 bulbs Giant Breeders,
8 varieties \$3.60

Each collection listed will give you a brilliant, harmonious effect.

Shipped postage paid

Send for free catalog of named varieties (Holland grown) Tulips, Hyacinths, Narcissus, etc. Japanese and native grown Lilies, Peonies and Iris.

Early orders advised so as to assure satisfaction in selection of varieties.

R. H. SHUMWAY

Seedsman

Dept. A Rockford, Ill.
Established 1870

Van Dusen Dwarf Fruit Trees

Here is a letter from one of our enthusiastic customers



Dwarf Apple Tree
Scarlet Beauty
(See adjacent letter)

Read what he says:

E. Lansing, Mich.

Mr. C. C. McKAY, Mgr.
VAN DUSEN NURSERIES,
Geneva, N. Y.

Dear Mr. McKay,

We are very proud indeed of our little trees in blossom time and when bearing fruit, and enjoy having our friends see them as they are quite a novelty and rare sight to many.

Very sincerely,

C. W. LORING

Our customers send in pictures of these trees because they are pleased!

We Specialize in

- Dwarf Apple Trees
- Dwarf Pear Trees
- Dwarf Plum Trees
- Dwarf Cherry Trees
- Dwarf Peach Trees

They are big bearers of big fruit from small trees. They bear younger and need less room. They are the best trees for the home garden.

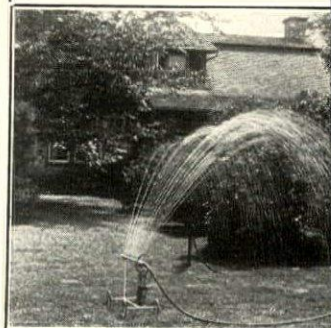
Our FREE catalog will tell you about them, also our roses, vines and ornamental shrubs. A Postal brings it to you.

THE VAN DUSEN NURSERIES

C. C. McKay, Mgr.

Box B., Geneva, N. Y.

Automatic Rain Makes Greener Lawns



Thorough, even sprinkling, replacing the uncertainty of circular sprays, is a vital factor.

This oscillating, automatic sprinkler will cover an area of 1200 square feet at a setting. A few settings thus will effectively water a very large lawn.

The pipe line of nozzles turns as axle, under low or high water pressure, throwing streams of water from side to another with a constant, swinging motion.

Waters along the edge of a walk without wetting it.

Four sizes
Write for Prices and information

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AUTOMATIC IRRIGATION CO.

Manufacturers of Portable and Overhead Automatic Irrigation Systems

337 Western Avenue
MUSKEGON, MICH.



Beauty, Protection,
Distinction

For town or country home

Used at the recommendation of landscape architects on many of the best known estates in America, Stewart Iron Fence is also bought for the more modest town or country home. It never has to be replaced—is a life time improvement.

For garden or lawn

For enclosing the garden, lawn, or other grounds at moderate cost, you can secure many attractive designs in Stewart Chain-link Wire Fence. It is strong, lasting, distinctive, economical.

Stewart erection service available everywhere.

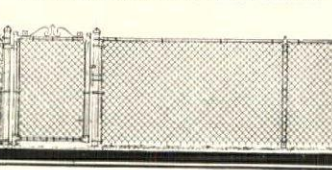
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Catalog "C." Iron Fence Designs
Special Bulletin of Chainlink Designs

The Stewart Iron Works Co., Inc.

422 Stewart Block Cincinnati, Ohio

"The World's Greatest Iron Fence Builders"



You Can Successfully and Easily Raise

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The book "Tips and Pointers for Beginners with Peonies" makes your success certain and easy—send 25c to

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Wagner Flowers

Helpful Fall Catalog for Fall Planting—Free

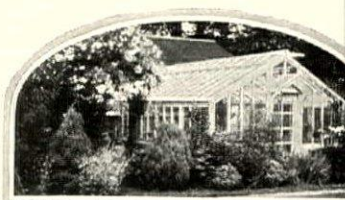
THE beauty of your garden next year depends very much on what you plant this fall. Wagner Iris, Peonies, Hardy Plants, Bulbs and Flowering Shrubs will yield a loveliness of bloom if planted now—Wagner Evergreens and Conifers will give color to your winter landscape.

Our Landscape Gardening Department can help you make your grounds more attractive whether you have a large estate or a small town or suburban lot. Please write for full information.

Wagner Fall Catalog is of value to all garden lovers.

It's free—Please ask for No. 371

Wagner Park Nurseries, Box 71 Sidney, Ohio
Nurserymen, Florists and Landscape Gardeners.



An Investment in Happiness

A CALLAHAN GREENHOUSE is an investment in the sweetest pleasure in the world—the growing of your favorite flowers and plants. It is not only an investment that pays dividends in happy hours, but also frequently is the beginning of a profitable, independent business. We can give you many instances of how this has been done, if you desire.

CALLAHAN GREENHOUSE

And here are the greatest facts in this greenhouse matter! A Callahan Greenhouse costs no more than an ordinary garage and you can erect yourself with ease!

Write for the "Greenhouse Book" with illustrations and prices. It is free

THE T. J. CALLAHAN CO.

109 Stout Street Dayton, Ohio




ESTABLISHED 1810

GALLOWAY POTTERY

Galloway Pottery adds interest to the garden, sun room and hall. These high fired strong and durable terra cottas includeshapely Jars, Bird Baths and Fonts, Flower Vases, Pots and Boxes, Gazing Globes, Benches, etc.

A collection of over 300 attractive numbers is shown in our catalogue, which will be sent upon receipt of twenty cents in stamps.

GALLOWAY TERRA COTTA CO.
18 WALNUT ST. PHILADELPHIA.



Protection of Your Grounds is a Necessity

A good fence, erected now, will stand guard after you close the house for the season. Afco Fences, with or without Afco construction service, are of the strong substantial type which offer real protection.

A request for illustrated Afco Literature will bring you a wide selection of designs—or we will be glad to have our representative call.

Write or phone

American Fence Construction Company
130 West 34th St., New York



Afco Fences

These Four Evergreens



- 1 Silver Fir
1 1/2-2 ft.—\$3.00
- 1 Arborvitae
3-3 1/2 ft.—\$4.00
- 1 Douglas Fir
2-2 1/2 ft.—\$3.50
- 1 White Spruce
2 1/2-3 ft.—\$2.50
- A \$13.00 Collection
for only
\$10.00

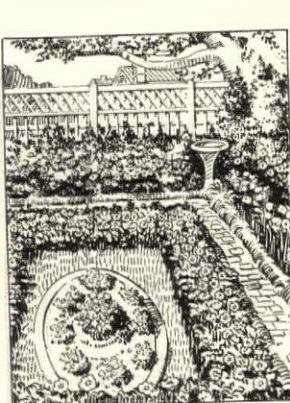
All specimen evergreens—perfect tops and roots—of four most popular varieties, ready to start growing at once on your lawn, in your shrubbery border, and as accents in your flower garden. Or—buy a duplicate set and plant one on each side of your doorway or street entrance. This is our Fall Friendship offer and, we believe, the **biggest evergreen value offered this year.**



The four plants, properly packed and crated, will be delivered to the express on receipt of your order and remittance of \$10.

Visit **Little Tree Farms**—you will find it well worth while. And if you can't come, send for our **Year Book**—"the best nursery catalog in America."

Address—Box C-9



A garden bursting with pride

THE pride of healthy plants arranged with taste.

Whether your garden needs one plant or a thousand—with or without a plan—we offer personal service at a distinct saving in cost. We are guided by nothing but the needs of *your* garden. We buy for you from all the leading nurseries.

Our service covers any or every detail of planning, supplying the stock and planting. No contract is too large or too small to interest us. *Write for further details.*

THE GARDEN SERVICE COMPANY

BERNARD WISELTIER, *Landscape Architect, Director*
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BENT LAWNS

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Let us tell you about our special Bent Mixture and explain how the use of Creeping Bent Stolons is sure to revolutionize fine lawn making in the years ahead.

Write for complete information. Act promptly so the idea can be given consideration now—the eve of our best lawn-making month.

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Peonies and Irises

WE are offering not only the world's best groupings of these two splendid flowers, but by far the largest selection in HUBBARD'S MASTER LISTS of Peonies and Iris to be found anywhere. These lists will assist you in the selection of these remarkable flowers, classifying as they do colors, seasonable blooming periods and fully describing each kind and variety, with prices plainly quoted, together with both Peony and Iris society ratings plainly indicated.

Hubbard's unique guarantee plainly states: "We will replace with three any plant blooming not true to description."

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GROWER OF
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We will also replace any article that may be received in bad condition. Hubbard's service is offered to those who may want assistance in selecting sorts best suited for special purposes. No trouble to answer questions.

Order Now to make sure that you get just what you want. Prices lower—Quality the best.

Iris shipped after July 1.
Peonies after September 1.

We made the world's largest single purchase from Wm. A. Peterson—all of his Iris in 1923, and over \$30,000 worth of Peonies—all choice varieties. We have the largest stock of rare and fine Peonies and Irises in the world.



Write for Hubbard's Master Lists C4

Order from Hubbard

*The Next
Number of
House &
Garden is
the October*



Fall Planting Number

Reserve your copy at the news stand now

Next spring is when you are going to appreciate this number of House & Garden most. You will shake your own hand, Chinese fashion, and congratulate yourself that you really did dig down in the October dirt and plant those peonies, and irises, and tulips. But if you are lazy, and don't do it—you can dive for your spade, next spring, and try all you like to make up with annuals—but you have missed the best of the garden year. Think of it . . . April a total loss, with no insurance!

Timely, as usual, this number has an article on the purpose and practice of fall planting. Other pages—on how to make a garden of bulbs to be followed by annuals; on the use of native plants; on filbert trees; on broad-leaved evergreens—complete this practical aspect of the garden.

As for the decorative end, the picture above is from the

leading article, "The Evolution of French Gardens," by J. C. N. Forestier, the distinguished head of the park system of Paris. He tells of several centuries of gardening, from the days of Le Notre, who planned Versailles, to the latest experiments of today. This picture and its companions make a portfolio of gardens in the modernist manner. All very geometrical . . . conventionally unconventional, like the whole twentieth century . . . interesting, from those mah jong tiles of flower beds to the modernist nasturtium on the coping.

With all this concern over the garden, the editor hasn't forgotten the house. In our series of Small Houses, this number shows the dining rooms. There's scarcely space to mention the rest. Mohair in interior decoration. Colonial lights. Good interiors, and two fine houses. But wait till September 29th, and find out for yourself.

*It Isn't Money That Makes Your Garden
A Success. . . . It's Knowing How! Read*

HOUSE & GARDEN

CONDÉ NAST Publisher
RICHARDSON WRIGHT Editor
HEYWORTH CAMPBELL Art Director

35 cents a copy

GREENWICH, CONNECTICUT

\$3.50 a year



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Strong Residential Fence

EXCELSIOR Rustproof Chain Link Fence is the result of years of experimental work in meeting the pressing problems of the nation. It is the pioneer hot galvanized wire weaving chain link fence. Fence engineers are at your service. They will plan and work with you for efficient fencing without cost or obligation. They can show you how your property and investment can be safeguarded through Exterior Rustproof Chain Link Fence.

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Enjoy the Out-of-Doors in this charming pergola

In these days of life in the open, what could be more attractive than this artistic pergola—a charming out-of-door room? You will find that it lends a touch of distinction to your grounds, while it gives you an ideal place for relaxation and rest.

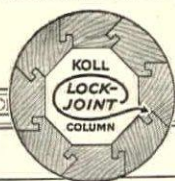
There are many other attractive designs—pergolas, rose arbors, lattice fences, lawn umbrellas, gazing globes, sun-dials, artificial stone bird baths, fountains and flower vases—all sold direct to you. We can produce lattice fences and arbor

seats, as well as hundreds of other items, at less cost than can your local carpenter. We offer many advantages and economies made possible by our 25 years' experience as America's largest designers and builders of such products. Our products are architecturally correct and quality built. Many of them embody famous Koll Lock-Joint Columns. Send 30c for illustrated catalog P-34, filled with suggestions.

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Koll Lock-Joint Columns—Pergolas—Rose Arbors
Garden Furniture and Accessories



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GARDEN POTTERY

Pieces of exquisite design and coloring

in high fired, strong and durable Terra Cottas, will add charm and a touch of individuality to your Garden or Home—Bird Baths, Sun Dials, Wall Fountains, Jars, Vases, Pots, Benches, Seats, Tables, Pedestals, in either glazed or natural finish, are included in our large collection.

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Hyacinth
Narcissus
Tulip, Etc.

BULBS

We import none but the highest quality bulbs grown in Holland, also specialize in the introduction of new varieties particularly adapted to those most interested in having the best obtainable in their collections.

SEND FOR CATALOGUE

Order early for selection of better varieties and prompt delivery

WATERER'S SPECIAL LAWN GRASS SEEDS

HOSEA WATERER

626 CHESTNUT STREET
PHILADELPHIA, PA.



Lady Alexander Duff

5 FINE PEONIES Delivered to you \$5.00

Including the exquisite Lady Alexander Duff and Sarah Bernhardt, two scarce varieties everyone should have in their collection.

A Special Trial Offer at prices far below the actual value of these wonderful peonies as an inducement to have you test the fine quality we furnish our customers.

One each of the 5 named for only \$5.00 each

Lady Alexander Duff—delicate rose and white	\$3.00
Sarah Bernhardt—apple blossom pink	1.50
Grover Cleveland—dark crimson	1.00
Couronne d'Or—famous "Crown of Gold"	.50
La Tendresse—creamy white	.50
value	\$6.50

In our catalog which will be mailed free on request, will be found hundreds of choice varieties in both scarce and standard sorts, also a most attractive list of the charming Single and unique Japanese types.

AMERICAN ROSE & PLANT CO.
Producers of Plants that Grow and Bloom
Box D Springfield, Ohio



EVERGREENS ADD DISTINCTION TO ANY HOME

We offer you a group of 8 choice conifers, 2 of which are pictured above.

2 American Arbor Vitae 2 Norway Spruce
2 Chinese Arbor Vitae 1 Blue Japan Cypress
1 Pfitzer's Juniper

All for \$15

If a larger selection is desired, our catalog and descriptive matter, showing our complete line including larger groups of fine evergreens will be mailed you for the asking.

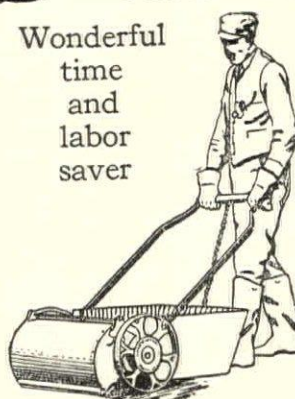
The receipt of \$25.00 will bring you our "Surprise" group. Allow us to make your selection and you will be more than satisfied.

RIDGEWOOD NURSERY - - Ridgewood, N. J.

SPRINGFIELD SWEEPER SWELL

"Gather as they Sweep"

Wonderful time and labor saver



Collects Leaves, Sticks, Stones, Fresh-cut or Dead Grass, Worm-Casts, Ant-Hills, etc., Beautifies the lawn.

Hand-horse or tractor operated. Sold on Approval. Write for prices.

Manufactured By

The Parker Pattern Works Co.
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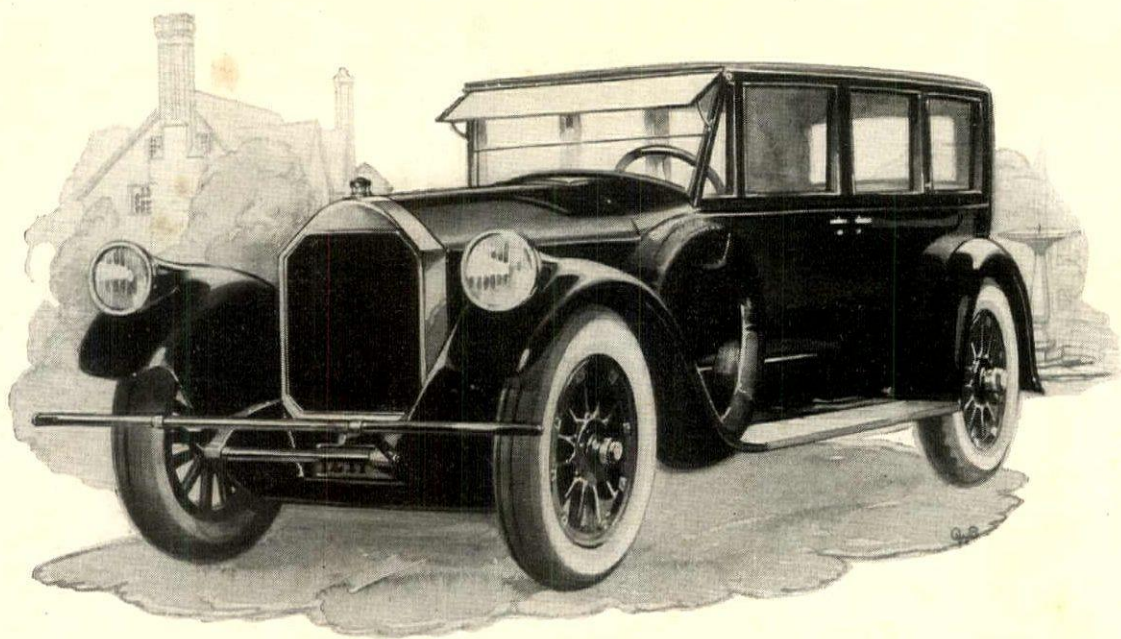
PIERCE- ARROW

Those who live their lives against a background of pleasant things, gracefully done, select the Pierce-Arrow Dual-Valve Six not alone for the quality of service which it renders, but also for the distinction with which it renders that service. It is obvious that such a car cannot be built except by a group of rarely skilled craftsmen, producing only a limited number of cars.

THE PIERCE-ARROW MOTOR CAR COMPANY BUILDS TWO TYPES OF MOTOR CARS, THE DUAL-VALVE SIX IN THIRTEEN BODY STYLES, AT \$5,250 AND UPWARD; THE SERIES 80 IN SEVEN BODY STYLES, AT \$2,895 AND UPWARD

DUAL-VALVE SIX

Open cars \$5,250 Closed cars, \$7,000 at Buffalo



The Pierce-Arrow Dual-Valve Seven-Passenger Enclosed Drive Limousine built for A. Watson Armour, Esq. Mr. Armour chose for this car a Brewster green finish, with gray striping on body and hood. The belt is of black, the wheels gray with green striping. The upholstery in taupe affords an effective contrast.



"Standard" PLUMBING FIXTURES

"Standard" kitchen sinks, "yard stick high," provide comfort and prevent back-strain. How high is yours?

Standard Sanitary Mfg. Co., Pittsburgh

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